# Message Implementation Guideline



# Syntax & Service Report

# CONTRL

(Based on EANCOM 2002 Guideline using UN / EDIFACT Directory D.01B)

Version 1.0

3 March 2019



# **Document Change Control**

Document Version	Released	By SPS Commerce	Changes
V1.0	3 March 2019	Mimoza Piruze	Created Document

# Purpose of this Implementation Guide

The purpose of this guide is to provide suppliers with the necessary information to enable the implementation of Syntax and Service Report (CONTRL) messages with Drakes Supermarkets (Drakes).

## Who should use this Guide

This guide is intended for use by Drakes Supermarkets suppliers to prepare for the implementation of Electronic Data Interchange (EDI) and to assist with applications integration, thereby ensuring successful electronic trading.

# **EDIFACT Specifications**

# 1 UN/EDIFACT Specifications

## 1.1 Definition of UN/EDIFACT

**<u>UN/EDIFACT</u>**: United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of internationally agreed standards, directories and guidelines for the electronic interchange of structured data, and in particular that related to trade in goods and services, between independent computerized information systems - EDI systems.

## 1.2 UN/EDIFACT Syntax

The UN/EDIFACT syntax rules set the standards for structuring data into segments, segments into messages, and messages into an interchange.

### 1.2.1 Structure of an Interchange

An interchange may consist of the following segments:

Segment ID	Segment Name	Status
UNA	Service String Advice	Conditional
UNB	Interchange Header	Mandatory
UNG	Functional Group Header	Conditional
UNH	Message Header	Mandatory
	User Data Segments	
UNT	Message Trailer	Mandatory
UNE	Functional Group Trailer	Conditional
UNZ	Interchange Trailer	Mandatory

Segments starting with "UN" are called service segments. They constitute the envelope or the "packing" of the EDIFACT messages. User data segments contain the information itself, in a format specific to each message type.

## **1.2.2 Structure of a Message**

Each data segment has a specific place within the sequence of segments in the message. They may occur in any of the following three sections of the message:

- Heading section A segment occurring in this section relates to the <u>entire message</u>.
- Detail section A segment occurring in this section relates to the detail information only.
- **Summary section** Only segments containing totals or control information may occur in the summary section, e.g. invoice total amount, number of lines in a purchase order, etc.

The same segment type may occur in more than one of the message sections, e.g. in the header and in the detail section, and/or more than once in the same section.

Some segments may be repeated a certain number of times at their specific location in the message. The status, Mandatory or Conditional, and the maximum number of repetitions of segment types are indicated in the message structure.

Within a message, specific groups of functionally related segments may be repeated; these groups are referred to as "segment groups". The maximum number of repetitions of a particular segment group at a specific location is included in the message definition.

A segment group may be nested within other segment groups, provided that the inner segment group terminates before any outer segment group terminates.

### **1.2.3 Segment Structure**

A segment consists of:

- A segment tag: identifies the segment type
- Data element separators
- Simple, composite, or component data elements
- A segment terminator

Data elements can be defined as having a fixed or variable length.

A composite data element contains two or more component data elements.

A component data element is a simple data element used in a composite data element.

A data element can be qualified by another data element, the value of which is expressed as a code that gives specific meaning to the data. The data value of a qualifier is a code taken from an agreed set of code values.

## 1.2.4 Separators

In EANCOM four service characters (extracted from UNOA) have a special meaning and act as the default separators for EANCOM;

	ASCII	HEX	
Apostrophe	"	27	Segment terminator
Decimal Point	•	2E	Decimal Point
Plus sign	+	2B	Segment tag and data element separator
Colon	:	ЗA	Component data element separator
Question mark	?	3F	Release character; immediately preceding one of the service characters, it restores their normal meaning. E.g. 10?+10=20 means 10+10=20. Question mark is represented by ??

## **1.3 UN/EDIFACT Documentation Conventions**

## **1.3.1 Format and Picture of Data Elements**

The following conventions apply in the present documentation:

A	alphabetic characters
N	numeric characters
An	alpha-numeric characters
a3	3 alphabetic characters, fixed length
n3	3 numeric characters, fixed length
an3	3 alpha-numeric characters, fixed length
a3	up to 3 alphabetic characters
n3	up to 3 numeric characters
an3	up to 3 alpha-numeric characters

The format and picture of the data elements that will be used by Drakes Supermarkets in the following EDI documents comply with the UN/EDIFACT Standards.

## 1.3.2 Status indicators

There are five types of status used in the following pages, whether for simple, component or composite data elements. They are listed below and can be identified when relevant by the abbreviations.

Μ	Specified within the Standards as Mandatory, used as a trigger element.
Must Use	Required by Drakes Supermarkets for specific implementation or business rules
D	Dependent on a mutual agreement between the sender and receiver of the message, governed by Business rules and / or a special arrangement, i.e. Primary Freight, etc.
0	Data that can be omitted based on an agreement between the sender and receiver.
Not Used	Segment/data elements defined as optional by standard specification and are not required for this Implementation. Data elements or composite elements not used preceding those indicated otherwise are shown for additional clarity. Unused trailing elements will not be shown in this document.

## 1.3.3 Interchange Structure

The interchange structure in an EDIFACT transmission is organized in several grouping levels. The service segments are the envelope of the groups.

The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange. The second service segment, 'UNB', indicates the beginning of the interchange. The next one, 'UNG', indicates the beginning of a group of messages of the same type, for example invoices. The last service segment, 'UNH', indicates the beginning of a given message. To each beginning service segment corresponds an ending service segment (note, UNA is not a beginning segment).

Service string advice:	UNA
Interchange envelope:	UNB UNZ
Group envelope:	UNG UNE
Message envelope:	UNH UNT

Segment UNA is dependent on the character set being used. Drakes Supermarkets interchanges <u>will</u> <u>include</u> the UNA segment, as the UN/EDIFACT character set (C) will be used.

Segments UNG..UNE are Conditional/Optional. These segments <u>will not be sent</u> as standard in this MIG.

## **1.3.4 Interchange Control Structure (Envelope)**

#### Introduction:

The Service String Advice, UNA, and the service segments UNB to UNZ shall appear in the below stated order in an interchange. There may be several functional groups or messages within an interchange and several messages in a functional group. A message consists of segments.

Pos.	Seg.		Base	User	Group	Notes and
No.	ID	Name	Status	Status	Max.Use	Repeat Comments
0000	UNA	Service String Advice	0	0	1	
0010	UNB	Interchange Header	М	М	1	
0020	UNH	Message Header	М	М	1	
0030	UNT	Message Trailer	М	М	1	
0040	UNZ	Interchange Trailer	М	М	1	

# **CONTRL Syntax and Control Message**

#### Introduction:

A Syntax and Service Report (CONTRL) message is a message syntactically acknowledging a received interchange.

#### Notes:

This section describes how the CONTRL (Syntax and Service Report) message is to be used in trading electronically with [Retailer].

An automated Syntax and Control Message (CONTRL) at interchange level is expected for all B2B documents exchanged between Drakes and suppliers.

Only acknowledgment of receipt of an interchange for all messages is required. Any errors found in any message must be communicated promptly with personnel responsible for the transaction.

The following message flow illustrates the relevance of the CONTRL message to the messages exchanged between Drakes and suppliers.

1) Drakes to Supplier: ORDERS (Purchase Order)

2) Supplier to Drakes: CONTRL

3) Supplier to Drakes: ORDRSP (Purchase Order Acknowledgment)

4) Drakes to Supplier: CONTRL

5) Supplier to Drakes: DESADV (Despatch Advice Message)

6) Drakes to Supplier: CONTRL

7) Supplier to Drakes: INVOIC (Invoice Message)

8) Drakes to Supplier: CONTRL

All messages will be exchanged via the following interchange (mailbox) addresses for [Retailer]:

Production EDI Identifier: 9377779424865 Testing & Certification EDI Identifier: TST1DRAKES

Example: Control message from Drakes Supermarkets to supplier:

The example below illustrates an acknowledgement to be returned to the vendor from Drakes' production EDI identifier, indicating that Drakes has received interchange 72. The acknowledgment does not imply that the message is accepted without errors, just an indicator of the interchange received.

UNA:+.? ' UNB+UNOC:3+9377779424865:14+SUPPLIER\_GLN:14+190303:1030+99101' UNH+0001+CONTRL:D:3:UN:EAN004' UCI+72+SUPPLIER\_GLN:14+9377779424865:14+8' UNT+3+0001' UNZ+1+99101'

#### **Heading Section:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	<u>Max.Use</u>	Group Notes and <u>RepeatComments</u>
M M	0005	UNA UNB	Service String Advice Interchange Header	M M	1 1	
Μ	0010	UNH	Message Header	М	1	

#### **Detail Section:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Group Notes and <u>RepeatComments</u>
М	002	UCI	Interchange Response	М	1	

### Summary Section:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Group Notes and <u>RepeatComments</u>
М	2400	UNT	Message Trailer	М	1	
Μ	2420	UNZ	Interchange Trailer	М	1	

Segment:

# **UNA** Service String Advice

Position: Group: Level: Usage: Max Use: Purpose:

#### Mandatory

0

1

To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows. The specifications in the Service string advice take precedence over the specifications for delimiter etc. in UNB segment. When transmitted, the Service string advice must appear immediately before the Interchange Header (UNB) segment and begin with the upper case characters UNA immediately followed by the six characters selected by the sender to indicate, in the following sequence: UNA:+.?

Notes: Example:

UNA:+.? '

	Data Cama	Data Element Summary		
	Data Compo <u>Element</u> <u>Elem</u>	onent <u>ient</u> <u>Name</u>		
<u>Attributes</u>	<u>è</u>			
М	0010	<b>COMPONENT DATA ELEMENT SEPARATOR</b> Composite element delimiter : Colon	Μ	an1
М	0020	DATA ELEMENT SEPARATOR Data element delimiter + Plus sign	Μ	an1
Μ	0030	<b>DECIMAL NOTATION</b> The character transferred in this position shall be ign Retained to maintain upward compatibility with earlier syntax. . Full stop / Period	•	•
Μ	0040	<b>RELEASE INDICATOR</b> Release indicator is used to signify that the following the characters used as composite, data or segment of release its usage convention for that instance. ? Question mark		
М	0050	<b>RESERVED FOR FUTURE USE</b> Not used. White space (blank)	Μ	an1
М	0060	SEGMENT TERMINATOR Used to delimit the end of the current segment and s ' Apostrophe	<b>M</b> tart a new s	an1 segment.

# **UNB** Interchange Header

Segment: Position: Group: Level: Usage: Max Use: Purpose: Dependency Notes: Semantic Notes: Comments: Notes:

0005 0 Mandatory 1 To start, identify and specify an interchange

All messages implemented based on EANCOM 2002 will use syntax level C, version 3 as indicated in DE S001.0001 and DE S001.0002 as UNOC:3.

Dependency notes:

Note that the following elements will not be included in the UNB segment for the CONTRL message:

1) DE0031: Acknowledgement request

Example:

UNB+UNOC:3+9377779424865:14+VENDOR\_GLN:14+190303:1030+1001 UNB+UNOC:3+TST1DRAKES:ZZZ+VENDOR\_GLN:14+190303:1030+81'

	Data (	Componen	it			
	Element	<b>Element</b>	<u>Name</u>			
<u>Attributes</u>	_					
Μ	S001		SYNTAX IDENTI		М	1
				e agency controlling the synta	ax and indicatior	n of syntax
			level.			
Μ		0001	Syntax identifier		М	a4
				on of the agency controlling a	syntax and syn	tax level used
			in an interchange.			
			UNOC	UN/ECE level C		
				As defined in ISO/IEC 8859 Part 1: Latin alphabet No. 1.		technology -
М		0002	Syntax version n	umber	М	n1
			Version number o	f the syntax identified in the s	yntax identifier (	(0001).
			3	Version 3		
				ISO 9735 Amendment 1:199	92.	
М	S002		INTERCHANGE S	SENDER	М	1
			Identification of th	e sender of the interchange.		
М		0004	Sender identifica	ntion	М	an35
М		0004				
М		0004	Name or coded re	presentation of the sender of		
Μ		0004	Name or coded re The identifier / GL		a data intercha	
М		0004	Name or coded re The identifier / GL Drakes if CONTR	presentation of the sender of N of the sending party:	a data intercha	
м		0004	Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS	a data interchai	
Μ		0004	Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add	a data intercha DV or INVOIC tresses:	nge.
Μ		0004	Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier	a data interchar DV or INVOIC Iresses: 937777942486	nge. 65
			Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier ation EDI Identifier	a data interchar DV or INVOIC dresses: 937777942480 TST1DRAKES	nge. 65
м		0004 0007	Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica <b>Partner identifica</b>	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier ation EDI Identifier ation code qualifier	a data interchan DV or INVOIC dresses: 937777942486 TST1DRAKES C	nge. 65 an4
			Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica <b>Partner identifica</b> Qualifier referring	presentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier ation EDI Identifier	a data interchan DV or INVOIC dresses: 937777942486 TST1DRAKES C	nge. 65 an4
			Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica <b>Partner identifica</b> Qualifier referring partners.	epresentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier ation EDI Identifier ation code qualifier to the source of codes for the	a data interchan DV or INVOIC dresses: 937777942480 TST1DRAKES C identifiers of in	65 an4 terchanging
			Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica <b>Partner identifica</b> Qualifier referring	presentation of the sender of N of the sending party: L related to ORDRSP, DESAU RL related to ORDERS kets will use the following add entifier ation EDI Identifier ation code qualifier to the source of codes for the EAN (European Article Num	a data interchar DV or INVOIC dresses: 937777942480 TST1DRAKES C e identifiers of in obering Associat	65 an4 terchanging
			Name or coded re The identifier / GL Drakes if CONTR Supplier if CONTR Drakes Supermar Production EDI Id Testing & Certifica <b>Partner identifica</b> Qualifier referring partners.	epresentation of the sender of N of the sending party: L related to ORDRSP, DESAI RL related to ORDERS kets will use the following add entifier ation EDI Identifier ation code qualifier to the source of codes for the	a data interchar DV or INVOIC Iresses: 937777942480 TST1DRAKES C identifiers of in bering Associat ssigned by EAN	65 an4 terchanging

			ZZZ Mutually defined		
			Drakes code qualifier used for Testir	ng & Cer	tification
Not Used		0008	Address for reverse routing	С	an14
			Address specified by the sender of an interchange to be		
М	S003		recipient in the response interchanges to facilitate intern INTERCHANGE RECIPIENT	nal routir M	ng. 1
			Identification of the recipient of the interchange.		
М		0010	Recipient identification	М	an35
			Name or coded representation of the recipient of a data	intercha	ange.
			The identifier / GLN of the receiving party:		
			Drakes if CONTRL related to ORDERS Supplier if CONTRL related to ORDRSP, DESADV or IN		
М		0007	Partner identification code qualifier	C	an4
			Qualifier referring to the source of codes for the identifie partners.	ers of inte	erchanging
			14 EAN (European Article Numbering A	ssociati	on)
			Partner identification code assigned	by EAN	
			ZZZ Mutually defined		
			Mutually defined between trading pa	rtners.	
Not Used		0014	Routing address	С	an14
			Address specified by the recipient of an interchange to be sender and used by the recipient for routing of received		
Μ	S004		his organization. DATE AND TIME OF PREPARATION	М	1
			Date and time of preparation of the interchange.		
М		0017	Date of preparation	М	n6
			Local date when an interchange or a functional group w		
			Date in YYMMDD format, i.e. March 3rd 2019 is presen		
М		0019	Time of preparation	Μ	n4
			Local time of day when an interchange or a functional g	•	· ·
М	0020		Time in 24 hour-clock format, i.e. 3:30 PM is presented INTERCHANGE CONTROL REFERENCE	as 1550 M	1 an14
IVI	0020		Unique reference assigned by the sender to an intercha		1 all14
			This data element is specified as alphanumeric a	•	r all Drakes
			implementations, only numbers are accepted as interch		
Not Used	S005		RECIPIENTS REFERENCE PASSWORD	С	1
			Reference or password as agreed between the commun	-	
Not Used	0026		APPLICATION REFERENCE	С	1 an14
			Identification of the application area assigned by the ser		
			messages in the interchange relate e.g. the message id messages in the interchange are of the same type.	entiller i	r all the
Not Used	0029		PROCESSING PRIORITY CODE	С	1 a1
			Code determined by the sender requesting processing pro	priority fo	or the
			interchange.		
Not Used	0031		ACKNOWLEDGEMENT REQUEST	С	1 n1
			Code determined by the sender for acknowledgement o		-
Not Used	0032		COMMUNICATIONS AGREEMENT ID	C	1 an35
			Identification by name or code of the type of agreement interchange takes place.	under w	INICH THE
Not Used	0035		TEST INDICATOR	С	1 n1
			Indication that the interchange is a test.		
			-		

U	Ν	Н	Messa
<b>S</b>		_	INICAAC

Segment:	UNH Message Header	
Position:	0010	
Group:		
Level:	0	
Usage:	Mandatory	
Max Use:	1	
Purpose:	A service segment starting and uniquely identifying a message. message type code for the Purchase order message is ORDERS.	The
pendency Notes:		

Dependency Notes: Semantic Notes: Notes:

Example:

#### UNH+001+CONTRL:D:3:UN:EAN004'

	Data (	Componer	it				
A	<u>Element</u>	<u>Element</u>	<u>Name</u>				
<u>Attributes</u> M	0062		MESSAGE REFE	RENCE NUMBER	м	1	an14
	0002			reference assigned by the sender.		•	
			Sequence numbe	Sequence number of the message in the interchange. DE 0062 in			in the
			5	be exactly the same as in the UNT se	•		
Μ	S009		MESSAGE IDENT		M	1	
		0005		e type, version etc. of the message bei	-	rcha	-
М		0065	Message type ide		Μ		an6
			agency.	type of message and assigned by its	contro	lling	1
			CONTRL	Control message			
М		0052	Message type ve	-	М		an3
			Version number of	f a message type.			
			D	Draft version/UN/EDIFACT Directory	1		
Μ		0054	Message type rel	lease number	Μ		an3
			Release number w	vithin the current message type versior	<mark>ո num</mark> t	ber (	0052).
			3	Syntax version 3 adopted from the J	oint Sy	nta	x
м		0051	Controlling agen	Working Group	м		an2
		0001	•••	ne agency controlling the specification		tena	
				and publication of the message type.			
			UN	UN/CEFACT			
				United Nations Centre for Trade Fac	ilitatior	n an	d
Must Use		0057	Association assig	Electronic Business (UN/CEFACT).	С		an6
Must 036		0057		y the association responsible for the d	-	and	an0
				e message type concerned, which furt			es the
			message.				
			EAN004	EAN Version Control Number	-		
Not Used	0068				C	-	an35
			Reference serving the same business	as a key to relate all subsequent tran	isters (	of da	ata to
Not Used	S010		STATUS OF THE		С	1	
				e message is one in a sequence of tra	nsfers	rela	ting to
			the same topic.	- ·			÷

Segment:	UCI Interchange Response
Position: Group:	002
Level: Usage:	0 Mandatory
Max Use:	1
Purpose:	To identify the subject interchange, to indicate acknowledgement or rejection (action taken) of the UNA, UNB and UNZ segments and to identify any error related to these segments. Depending on the action code it may also indicate the action taken on the functional groups and messages within that interchange.
Dependency Notes: Semantic Notes: Comments:	
Notes:	This segment is used to identify the interchange being acknowledged. Only qualifier value 8 (interchange received) is used for DE 0083 to acknowledge the receipt of the original message to the sender.
	Example:
	Interchange number 72 from the sender identified as SUPPLIER_GLN to the receiver identified by 9377779424865 has been received.

UCI+72+SUPPLIER\_GLN:14+9377779424865:14+8'

	Data	<b>^</b>	Data Elemen	it Summary		
	Data Element	Componer Element				
<b>Attributes</b>						
М	0020		INTERCHANGE (	CONTROL REFERENCE	М	an14
			Unique reference	assigned by the sender to an inte	rchange.	
			Name of a docum	ent.		
Μ	S002		INTERCHANGE S	SENDER	М	
			Identification of the	e sender of the interchange.		
Μ		0004	Sender identifica	ition	С	an35
			Name or coded re	presentation of the sender of a da	ata interchar	nge.
				ess ID of the sender may be an	EAN Globa	al Location
••				other mutually agreed address.		
Must Use		0007		ation code qualifier	С	an4
			partners.	to the source of codes for the ider	ntifiers of inte	ercnanging
			14	EAN (International Article Numb	erina Assoc	iation)
			ZZZ	Mutually defined	g	,
М	S003		INTERCHANGE	•	М	
			Identification of th	e recipient of the interchange.		
М		0010	Recipient identif	ication	М	an35
			Name or coded representation of the recipient of a data interchange.			
			Interchange addre	ess ID of the receiver may be an	EAN Global	Location
			. ,	other mutually agreed address.		
Must Use		0007		ation code qualifier	С	an4
			-	to the source of codes for the ider	ntifiers of inte	erchanging
			partners. 14	EAN (International Article Numb	erina Assoc	iation)
			ZZZ	Mutually defined	ching 7 (0000	
М	0083		ACTION, CODED	•	м	an3
				ssage from / to [Retailer], code 8		
			8	Interchange received		
			-			

Segment:	UNT Message Trailer
Position: Group:	2400
Level:	0
Usage:	Mandatory
Max Use:	1
Purpose:	A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Dependency Notes: Semantic Notes: Comments:	
Notes:	This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.
	Franciska

Example:

There are 3 segments within the UNH-UNT (0001) loop inclusively. UNT+3+0001'

	Data Compo Element Elem	onent lent Name			
Attributes					
М	0074	NUMBER OF SEGMENTS IN A MESSAGE	Μ	1	n6
		Control count of number of segments in a message.			
М	0062	MESSAGE REFERENCE NUMBER	М	1	an14
		Unique message reference assigned by the sender.			
		Sequence number of the message in the interchange. I segment will be exactly the same as in the UNH segment		2 in 1	the UNT

Segment: Position: Group: Level: Usage: Usage: Max Use: Purpose: Dependency Notes: Semantic Notes: Comments: Notes:	UNZ Interchange Trailer 2420 0 Mandatory 1 To end and check the completeness of an interchange	
	Example: UNZ+1+1001'	
Element	Data Element Summary omponent <u>Element</u> <u>Name</u>	
<u>Attributes</u> M 0036	INTERCHANGE CONTROL COUNT M 1 r Count either of the number of messages or, if used, of the number of functional groups in an interchange. Total count of UNH-UNT segment loop repeats.	
M 0020	- · · ·	an14 E