

SYNTAX & DATA DICTIONARY

**TRADACOMS MANUAL OF STANDARDS FOR
ELECTRONIC DATA INTERCHANGE**

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TRADACOMS

MANUAL OF STANDARDS FOR ELECTRONIC DATA INTERCHANGE

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HOW TO USE THIS MANUAL

This manual contains the syntax (the grammar) and the data dictionary (the vocabulary) for the TRADACOMS standard messages for direct computer to computer communications.

Section A contains the UN/GTDI syntax rules which govern how the messages are structured.

Section B lists the directory of standard data elements which make up the messages. Each data element is identified by a 4-digit alphabetic code and the list is ordered alphabetically, for ease of use. There is an additional reference number which identifies each element, which is used by some systems. The data elements are also listed in name order.

Section C is a directory of the segments. These are logical groupings of related data elements. Each TRADACOMS message is made up of a sequence of segments. The segments are identified by a 3-digit alphabetic code. The segment directory is listed in alphabetic order of these identifiers.

Section D contains the standard code values lists. Much of the data which is carried in TRADACOMS messages can be standardised and coded. The use of codes allows easier automatic processing of the communicated data. Each list is identified by a number and they are given in numerical order.

Annex 1 contains information on the use of data narrative segments.

Annex 2 shows how the integrity of a TRADACOMS transmission can be checked without processing the data content. This function can be performed by a Value Added Network Service.

See Volume 1 for more detailed information on the ANA and Electronic Data Interchange. This provides the background to the standards and the benefits which can be obtained by using them.

Volumes 2 and 3 contain the transmission structuring segments for each file format. There are 25 file formats available as this manual is issued, but there are new files under development which may be added to Volume Three at a later date.

SECTION A
THE TRADACOMS UNGTDI SYNTAX RULES

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SECTION A - THE TRADACOMS UNGTDI SYNTAX RULES

1. INTRODUCTION TO THE SYNTAX RULES

1.1 Background

The TRADACOMS UNGTDI Syntax Rules are a subset of the full SITPRO Syntax Rules which were originally developed for international trade applications. The full name for the Syntax Rules is the United Nations Economic Commission for Europe (UNECE) Guidelines for Trade Data Interchange (GTDI). The ANA now maintains this for the benefit of TRADACOMS users in the UK.

The UNGTDI syntax has been used for the exchanged of trade data in several countries, and was specified by H M Customs and Excise for their Period Entry Exports interchange scheme. This and other international applications are now based on the later UN EDIFACT (EDI for Administration, Commerce and Transport) syntax. For further details of EDIFACT trade messages contact the ANA.

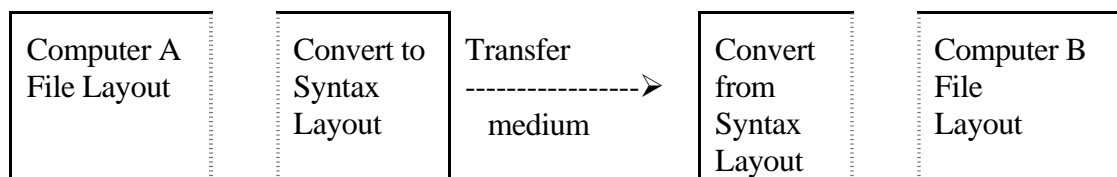
1.2 Scope and Purpose

The Syntax rules provide a method of assembling data elements within messages interchanged between organisations.

The standards for individual data elements are provided in the Standard Data Element Directory in Section B. The standards for the contents of interchange messages are provided in the Message Format Specifications in Volumes 2 and 3. The syntax rules in this Section specify how the data elements in Section B are structured into the message formats in Volumes 2 and 3.

A full understanding of the syntax rules is necessary for the correct interpretation and use, in practice, of the standard message formats.

The syntax rules are independent of machine, media and systems considerations, and are, therefore, suitable for the interchange of data between computer systems, by a telecommunications link or by physical media such as magnetic tapes or floppy discs (diskettes). They are also independent of the structure of data within users' internal computer systems. They are intended as a bridge between systems, for use at the point of interchange. The sender converts from his internal record layouts and the recipient converts into his internal layouts:



Methods for the initial capture of data (in the sender's own system) and the final output of data (in the recipient's own system) are, therefore, outside the scope of the syntax rules, except possibly where the interchange does not involve computer processing at one end of the exchange, as may happen in certain fall-back situations. These are briefly discussed in paras. 3.1.1 to 3.1.4 at the end of this Section.

The syntax rules do not dictate the extent to which data should be validated prior to transmission. **The onus is on the sender of a message to provide accurate information which has been correctly assembled.** The recipient of a message should carry out validation checks, however, to help ensure that invalid data does not corrupt internal computer records.

The syntax rules only apply to the **data** interchanged. They do not apply to the communications protocols and media labels within which the data is transmitted.

Privacy of data is outside the scope of the rules. Where required, encryption or other techniques can be agreed between interchange partners. Facilities are provided, however, for the transmission of control totals in the TRADACOMS Standards message formats, to check the safe transmission of data.

1.3 Advantages

The advantages of using the syntax rules can therefore be summarised as follows:-

1.3.1 Media Independence

Data is structured in the same way whether it is interchanged via magnetic media or a telecommunications link. The syntax rules help minimise the cost of changing from one medium to another in inter-organisation exchange, and the cost to a single organisation sending or receiving data via several types of media.

1.3.2 Machine Independence

Incompatibilities of record size and character representation between different makes of computer are avoided. No reprogramming costs need be incurred by existing members of an interchange application when a new member, who has a different make of computer, joins.

1.3.3 System Independence

The rules are not influenced by the constraints of any particular system design, such as batch, on-line, file/record design or retrieval techniques, communications techniques, etc.

1.3.4 Flexibility

The rules allow a great deal of flexibility in the design and structuring of messages. Changing message specifications should be less costly with data structured using the syntax rules than with conventional records. Using table-driven programs makes changes particularly easy to effect.

1.3.5 Efficiency

The rules allow data to be transmitted in an economical manner (see paragraph 2.9 below). This can be important over telecommunications links.

1.3.6 Intelligibility

By using special character data separators and alpha segment codes, the syntax rules make messages relatively easy to interpret, and thus aid tasks such as investigating errors.

A fuller discussion of the advantages of messages designed according to the TRADACOMS Syntax Rules over conventional computer records, for data exchange, appears at the end of this Section, in paras. 3.2.1 to 3.2.4.

1.4 Messages and Documents

An interchange message can often be considered as the equivalent of a document, for example an invoice or an order. However, other forms of interchange messages are not directly equivalent to conventional documents. Depending on the nature and purpose of the interchange system, these are then equivalent to several documents or to only part of a document, or might have no documentary equivalent at all.

1.5 Syntax Rules Example

The syntax rules can be illustrated by comparing part of a typical order document (Figure A.1) with the equivalent interchange messages assembled according to the rules (Figure A.2). The example messages are in standard TRADACOMS format.

Figure A.1

OFFICIAL ORDER		Customer Order No: 981			
CUSTOMER NAME: Any Shop plc ADDRESS: 57 High Street Newtown		SUPPLIER NAME: XYZ ADDRESS: Manufacturing plc Leeds			
LOCATION CODE: 50 00600 003240		Supplier Order No:			
TELEPHONE NO: TELEX NO:		Supplier Order Date:			
CUSTOMER ACCOUNT NO: 68322		LOCATION CODE: 50 00100 00101 4			
DELIVERY INSTRUCTIONS: Ring before delivery		SUPPLIER ACCOUNT NO: 7215 Delivery Date Earliest: 28.3.94 Latest:			
EAN Consumer Unit Code 50 00100	Traded Unit Description	Pack Size	Customer Traded Unit Code	EAN/In-House Code for Traded Unit 50 00100	Qty Ordered
07432 6	Product A	12		48145 2	10
06827 1	Product B	6		35066 6	10
15406 6	Product C	4		15407 3	30
Conditions - Special Instructions				TOTAL QTY	6
Signature: Name in Capitals:					

Figure A.1 (Cont'd)

OFFICIAL ORDER		Customer Order No: 982			
CUSTOMER NAME: Any Shop plc ADDRESS: 32 Market Street Oldtown		SUPPLIER NAME: XYZ ADDRESS: Manufacturing plc Leeds			
LOCATION CODE: 50 00600 00328 2		Supplier Order No:			
TELEPHONE NO: TELEX NO:		Supplier Order Date:			
CUSTOMER ACCOUNT NO: 68347		LOCATION CODE: 50 00100 00101 4			
DELIVERY INSTRUCTIONS:		SUPPLIER ACCOUNT NO: 7215			
Delivery Date Earliest: Latest:					
EAN Consumer Unit Code 50 00100	Traded Unit Description	Pack Size	Customer Traded Unit Code	EAN/In-House Code for Traded Unit 50 00100	Qty Ordered
76967 3	Product K	6		76968 0	5
66813 6	Product L	6		65846 5	8
Conditions - Special Instructions				TOTAL QTY	13
Signature: Name in Capitals:					

Figure A.2

STX	=	ANA:1+:ANY SHOP PLC+:XYZ MANUFACTURING PLC+940321+REFS+REFR'
MHD	=	1+ORDHDR:9'
TYP	=	0430+NEW-ORDERS'
SDT	=	5000100001014:7215+XYZ MANUFACTURING PLC+LEEDS'
CDT	=	5000600003101:68100+ANY SHOP PLC+HEAD OFFICE:72 KING STREET: LONDON EC2'
FIL	=	1+1+940321'
MTR	=	6'
MHD	=	2+ORDERS:9'
CLO	=	5000600003240::68322'
ORD	=	981::940321'
DIN	=	940328+++RING BEFORE DELIVERY'
OLD	=	1+5000100481452+5000100074326++12+10++++PRODUCT A'
OLD	=	2+5000100350666+5000100068271++6+10++++PRODUCT B'
OLD	=	3+5000100154073+5000100154066++4+30++++PRODUCT C'
OTR	=	3+6'
MTR	=	9'
MHD	=	3+ORDERS:9'
CLO	=	5000600003282::68347'
ORD	=	982::940321'
OLD	=	1+5000100769680+5000100769673++6+5++++PRODUCT K'
OLD	=	2+5000100658465+5000100668136++6+8++++PRODUCT L'
OTR	=	2+13'
MTR	=	7'
MHD	=	4+ORDTLR:9'
OFT	=	2'
MTR	=	3'
END	=	4'

2. THE SYNTAX RULES

2.1 Introduction

In the following paragraphs:

- a) the general terminology used within the specification of the syntax rules is explained
- b) the character set recommended for interchange is defined
- c) the basic syntax rules are specified.

These basic syntax rules are applicable for the majority of interchange applications, including the TRADACOMS system.

2.2 General Terminology

2.2.1 Data Elements and Sub-Elements

Different organisations use different terminology to describe or define basic items of data. In these rules, the following terms are used:-

a) Data Element

This is an item of data which has been identified separately for interchange by its inclusion in the TRADACOMS Data Element Directory. It may consist of a single item of data, eg. Earliest Delivery Date, in which case it is called a **simple data element**, or it may consist of several items of data, eg. the data element Unit of Ordering. This consists of the number of consumer units in a trade unit, the ordering measure and a measure indicator. In this case it is called a **composite data element**. A data element is identified by its position within a 'segment', defined below.

b) Sub-Element

This is the name given to each item of data within a composite data element. In the example above, measure indicator is a sub-element. A sub-element is identified by its position within a data element.

2.2.2 Data Element Identifiers

Data elements are allocated unique 4 character data element identifiers. These are used to identify data elements in the TRADACOMS Data Element Directory, in message specifications and in the tables used to construct and translate standard TRADACOMS messages. They can also be used for system and program documentation. Data element identifiers are not transmitted.

2.2.3 Segments

- a) Related data elements are grouped together within the syntax rules to form a segment. A segment is the basic unit for the transmission of data; individual data elements can only be transmitted within a segment. A segment can contain one or more data elements.
- b) There are two types of segment:
 - **Data Segments**
 - **Standard Segments**

2.2.4 Data Segments

These contain the amounts, values, names, places and other data required for transmission. The contents of data segments are independent of the syntax rules.

2.2.5 Standard Segments

The only category of standard segments that is used in these basic syntax rules, applying to TRADACOMS transmissions, is that of the Transmission Structuring Segments that are used to assemble interchange transmission in a standard way. Standard segments are provided to start and end each interchange, and to start and end each message within an interchange. They are discussed in para. 2.6 of this Section.

2.2.6 Segment Codes

- a) Segments are uniquely identified by a 3-character segment code which must be alphabetic.
- b) Segment codes have been reserved for each of the standard segments included in the syntax rules.
- c) Segment codes are transmitted at the start of the segments they identify.

2.2.7 Interchange Messages

- a) An interchange message consists of a number of segments structured in accordance with the syntax rules, ie. it must begin with the standard **message header** segment and end with the standard **message trailer** segment.
- b) In the TRADACOMS environment all interchange messages are **Data Messages**. These contain the data segments required for the message in addition to the message header and message trailer segments. The ANA maintains standard message specifications, which are found in Volumes 2 and 3 of this manual.

2.2.8 Message Types

Interchange messages are identified by a **message type** which is included in the standard message header segment. A message type consists of two sub-elements:

- the **message type** itself. This is a 6-character alphabetic code;
- a **version number**. This is a single digit numeric sub-element. It is used in connection with changes to data message specifications, to distinguish one version of a message from another.

2.2.9 Interchange Transmission

- a) All the data to be transmitted between two organisations at one time is referred to as an interchange transmission. An interchange can contain a single message or many messages. The standard **Start of Transmission** segment is used to identify the start of the data being transmitted. The standard **End of Transmission** segment is used to denote the end of the data being transmitted.
- b) The only restriction imposed by the syntax rules on the number of messages included in an interchange transmission is that the message count on the end of transmission segment cannot exceed 99,999. There are no restrictions on the number of different types of message which can be included in a transmission. However see paragraph 2.9 below.
- c) The syntax rules do not themselves specify the order in which messages should be transmitted within an interchange transmission, but the standard messages are all grouped within TRADACOMS-designated **files** and within each file a message sequence is specified. The sender can forward a number of designated files, one after another, in an order of his choosing, unless participants in an exchange application agree otherwise. The conventional format of interchange transmissions is described in 2.9.
- d) Participants can agree restrictions on the number of files or messages in a transmission if they so wish. See paragraph 2.9.

2.3 Data Separators and Terminators

2.3.1 Segment Terminator (')

Each segment is terminated by a segment terminator, the apostrophe (or single quote) (')

eg. 123'

2.3.2 Data Element Separator (+)

- a) Data elements within a segment are separated from each other by a data element separator, a plus (+)

eg.+ABC+123

- b) The last data element in a segment is terminated by the segment terminator. A data element separator is not required.

2.3.3 Sub-Element Separator (:)

- a) Sub-elements with a composite data element are separated from each other by a sub-element separator, the colon (:)

eg.+5530:KG+....

- b) The last sub-element within a composite data element is terminated by a data element separator. A sub-element separator is not required.

2.3.4 Segment Code Separator (=)

A segment code is separated from the data within a segment by a segment code separator, an equals sign (=)

eg. IRF=8728511+810320'

2.3.5 Allowable Sequences of Data and Separators/Terminators

The logic of the syntax rules allows only the sequences of data, separators and terminators indicated in the following table (Figure A.3).

Figure A.3

Item	Can only be followed by item(s) ticked							
	Segment Code	=	Data Element	+	Sub-Element	:	'	End of Transmission
Segment Code		/						
=			/	/	/	/		
Data Element				/			/	
+			/	/	/	/		
Sub-Element				/		/	/	
:					/	/		
'	/							/

2.4 Character Set and Related Subjects

2.4.1 Character Set for Interchange

In the TRADACOMS environment the character set for data is restricted to:

Blank Space	Ampersand	&	Asterisk	*
Open Bracket (Close Bracket)	Comma	,	
Hyphen -	Full Stop	.	Solidus/	
Percent %				

The numerals zero to 9.

The upper case alphabet A to Z.

The following characters are reserved for control purposes within the syntax rules and their use in data should be avoided wherever possible:

Apostrophe	'	Plus sign	+	Colon	:
Equals =	Padding Character	^			
	(Up-arrow/circumflex)				

2.4.2 Character Code

The coded representation of each allowable character for the various transmission media is discussed in Section E of Volume 1.

2.4.3 Release Character

The question mark, ?, is reserved for use within the syntax rules as a release character.

The release character is provided for use where separator or terminator characters (ie. =:'+) have to be transmitted as part of a data element or sub-element. Where a question mark is itself included in data it must also use the release character function.

It is strongly recommended that the five characters =:'+? be excluded from data elements and sub-elements wherever possible. It should be possible to avoid the use of the release character by replacing these characters in data by another character without any loss of meaning. For example, an apostrophe could be replaced by a space (O'REILLY would be transmitted as O REILLY).

The release character must be inserted in a transmission immediately preceding each occurrence in data of any of the five characters =:'+?. It signifies that the next single character is not to be interpreted as a data separator, terminator or release character. For example:

Data required 736 + 834 = 1570

Data transmitted 736? + 834? = 1570

The release character is not counted as part of the length of any data element or sub-

element within which it is transmitted. Release characters can be inserted by the computer so that data can be input and output without any special manual requirements, except where messages are manually structured or interpreted.

2.4.4 Scope of the Character Set

The full recommended character set including the special characters '+=: ' applies only to the **data** content of the transmission. Requirements for telecommunication protocols, media labels, etc., are outside the scope of this recommendation. They are dealt with in Section E of Volume 1 of this manual.

2.4.5 Character Representation

Character formats are recommended within these syntax rules. Binary, packed decimal or other forms of hardware/software-dependent representation must not be used for interchange as these features are not available, or are not dealt with in the same way, on all makes of computer.

2.4.6 Decimal Separator (.)

- a) An implied decimal separator or point is used in the TRADACOMS system.
- b) Thousands must not be indicated by any form of separator (such as commas).

2.4.7 Negative Numbers

- a) A negative number is indicated by a leading minus sign.
eg. SEG=..... +-1250+.... is correct.
- b) In many cases the need for negative numbers can be avoided through the use of data elements such as the Credit Line Indicator used in TRADACOMS invoice messages.

Notes: Provision should be made in translation tables for negative numbers using leading minus signs in messages where the totals could become negative if the credit values exceed the normal debit ones. For example, statement totals could be negative if credit adjustments exceeded new invoices.

2.5 Absence of Data

2.5.1 Mandatory and Conditional Data

- a) Within a segment, data elements are specified as **mandatory** or **conditional**.
- b) **Mandatory data elements** are those which must always be transmitted, eg. the message type on a standard message header segment or the invoice number and date in an invoice message.
- c) **Conditional data elements** are those which need to be transmitted only in a particular set of circumstances, depending on the nature of the goods, the mode of

transport, etc., eg. a special price indicator in an order message.

- d) Segments must also be designated as mandatory or conditional within each message type.
- e) A mandatory segment may consist entirely of conditional data elements. At least one of these must be transmitted for this type of segment.
- f) Within a composite data element, individual sub-elements are also designated as mandatory or conditional and, similarly, if all are conditional within a mandatory data element, at least one sub-element must be transmitted.

2.5.2 Rules for Indicating the Absence of Data

- a) Where no data exists for a conditional segment, the segment must not be transmitted.
- b) Where no data is required for one or more data elements in a segment, which precede another data element for which data **is** required, the data element separator is used to indicate the absence of data:-

eg.

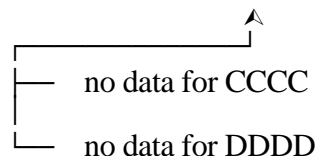
- i) If there are 5 data elements, AAAA, BBBB, CCCC, DDDD and EEEE in a segment with the segment code SEG and data is only required for AAAA, BBBB, CCCC and EEEE:-

SEG = data for AAAA + data for BBBB + data for CCCC ++ data for EEEE'



- ii) Similarly, if data is only required AAAA, BBBB and EEEE:

SEG = data for AAAA + data for BBBB +++ data for EEEE'



- c) Where no data is required for one or more data elements at the **end** of a segment, two options are available:
 - i) The **preferred** option is to use the segment terminator to truncate the segment following the last data element for which data is required:

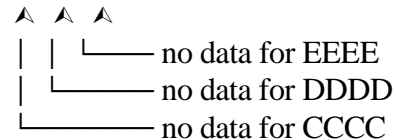
eg. Using the example shown in b) above, the following can be transmitted if data is only required for AAAA and BBBB:

SEG = data for AAAA + data for BBBB'

ii) Alternatively, data element separators can be used to indicate positively the absence of data for each data element.

eg. Using the above example, if data is only required for AAAA and BBBB:

SEG = data for AAAA + data for BBBB +++'



Note: Users' programs should cater for both these techniques, as each is valid.

d) The absence of data for one or more conditional sub-elements within a composite data element is indicated using similar principles to those described above. A data element separator is inserted following the last sub-element for which data is required. The absence of data for one or more sub-elements which precede another, for which data is required, is indicated by the sub-element separator.

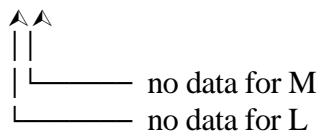
eg.

i) If a data element contains 4 sub-elements, K, L, M and N and only the first 2 are required:

....+ data for K: data for L +....

ii) In the same example, if data is only required for K and N:

....+ data for K:::data for N +....



e) A typical use of conditional sub-elements is for data elements defined as containing both a code and a clear language version, eg. transmission sender. The rules allow either or both the sub-elements to be transmitted in a consistent manner:

eg.

....+ 123:ABC CO+.....
....+ 123 +.....
....+ :ABC CO+.....

are valid ways of constructing a data element which can contain a code and/or a clear language sub-element.

2.5.3 Variable Length Data

- a) Separators allow the omission of leading zeros in numeric items and trailing spaces in alphanumeric items for those data elements defined as "variable length" in the Data Directory.

For example:

- i) RTL =+ ABC LTD'
RTL =+ YZ MANUFACTURING AND
PROCESSING LTD'
- ii) OLD =+ 930:KG+.....
OLD =+ 12100:KG+.....

- b) Where variable length data is interchanged, the sender may elect to transmit, in accordance with the syntax rules and without reference to the recipient, either the actual number of characters used or any number of characters up to and including the maximum number of characters. Where the maximum number of characters is transmitted, the following rules apply:

- i) Numeric data should be right-aligned with leading zeros or spaces to pad the data to its maximum length, but there must be one zero before the decimal separator for amounts less than one.
- ii) Alphabetic/alphanumeric data should be left-aligned with trailing spaces used to pad the data to its maximum length.

2.6 Transmission Structuring Segments

NB The normal rules for indicating the absence of conditional data, specified in subsection 2.5, apply to these standard segments.

2.6.1 A Transmission

- a) The data transmitted at one time between two organisations is a transmission. Standard segments are provided to denote the start and the end of the **data** within a transmission.
- b) The first segment in all transmissions must be the **Start of Transmission** segment which has the segment code STX.

- c) The last segment in all transmissions must be the **End of Transmission** segment which has the segment code END.
- d) A transmission can therefore be depicted as:-

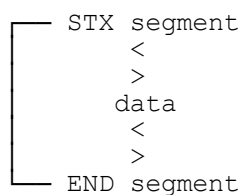


Figure A.4 Example STX Segment

STX=ANA:1+123:ABC CO+:XYZ CO+811206:121500+A143+B26+ASYS+A'		
where	STX	is the segment code
	ANA:1	identifies version 1 of the TRADACOMS Syntax Rules
	123:ABC CO	identifies the sender of the message in code and plain language
	:XYZ CO	identifies the recipient of the messages in plain language only
	811206:121500	811206 is the transmission date 121500 is the time of transmission
	A143	is the sender's reference for the transmission
	B26	is the recipient's reference for the transmission, if known to the sender
	ASYS	is an application reference
	A	is a transmission priority code if required
Note:	1.	The data element specifications for this and all other standard segments are contained in the TRADACOMS Data Element Directory and message specifications in this manual.
	2.	When using STX for transmissions across Value Added Networks, it is <u>recommended</u> that the user manual is consulted as each has used the elements in STX to achieve network addressing and control features. These are specific usages of the elements defined in this segment and will have to be respected if that service is used

2.6.2 Start of Transmission Segment (STX)

- a) Mandatory information included in this segment identifies:
 - the syntax rules being used
 - the sender and recipient of the transmission
 - the date of transmission
 - the sender's reference for the transmission
- b) Conditional information which can be included in the segment consists of:
 - the time of transmission
 - the recipient's reference for the transmission
 - an application code (this would enable a recipient to identify, at the STX level, whether the transmission contained data for an import application, an export application, an accounting application, etc.). The application reference may also be used to indicate whether a transmission is 'live' or 'test' in status. In this case, the reference abbreviations given in Code Values List 16 should be used
 - priority code
- c) Figure A.4 contains an example of an STX segment in which all the conditional data is illustrated.

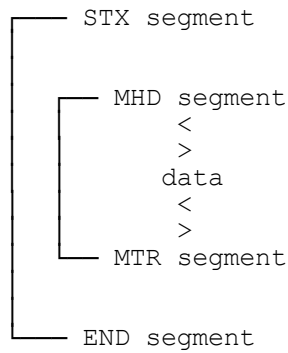
2.6.3 End of Transmission Segment (END)

- a) This segment contains one data element, in which a count of the number of **messages** in a transmission must be provided.
- b) The count includes all data messages in the transmission, to a maximum of 99,999 messages.

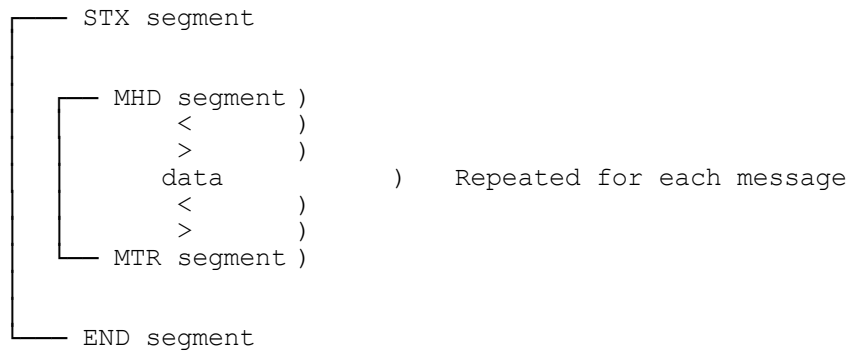
eg. END = 1' indicates a transmission consisting of 1 message
 END = 25' indicates a transmission consisting of 25 messages

2.6.4 Interchange Messages

- a) With the exception of the standard segments STX and END used to delimit a transmission, all data must be interchanged within a **message**.
- b) All messages begin with a Standard **Message Header** segment which has the segment code MHD. All messages must end with the Standard **Message Trailer** segment which has the segment code MTR.
- c) A transmission can consist of one message or any number of messages.
- d) A transmission containing one message can therefore be depicted as:



e) A transmission containing more than one message can be depicted as:



2.6.5 Message Header Segment (MHD)

a) The MHD segment contains two mandatory data elements:

- **A Message Reference**

This can be any unique reference allocated by the sender. In TRADACOMS messages this takes the form of a consecutive count of messages within a transmission.

- **A Message Type**

This consists of two sub-elements, the message type itself and a number to distinguish the different versions of a message which can arise due to amendments to the message specification.

b) An example of an MHD segment is:

MHD = 12 + ORDERS:4'

This identifies a data message of type ORDERS, that contains data relating to the fourth version of the specification for ORDERS, and that it is the 12th message in the transmission.

2.6.6 Message Trailer Segment

- a) This segment contains one mandatory data element, which is a count of the number of segments comprising the message.
- b) The count includes both the MHD and MTR segments and data segments included in the message.

eg. MTR = 7' indicates that a message consists of 7 segments

2.6.7 Formats for the Standard Segments

The standard formats for segments MHD and MTR are illustrated in all the message formats in Volumes 2 and 3. The segments STX and END do not appear in messages. Their standard formats are shown in Figure A.5 and at the beginning of Volume 2.

2.7 Repeated and Nested Data

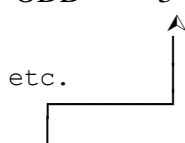
2.7.1 Introduction

- a) A common requirement of many types of message is the need to repeat data elements, or groups of data elements eg. an invoice could contain a number of items, each item containing a product number, quantity, price, etc. A particular data element must not be repeated within a data segment, but a data segment can be repeated within a message.
- b) Sometimes a data element or group of data elements may repeat within an already repeating group, for example an invoice can cover goods supplied under several orders, and there may be many invoice item lines to each order. The data elements for an invoice line item form what is called a 'nested' repeating group. The data elements for a line item are grouped together in one repeating data segment while the details for each order are grouped in another repeating segment. The repeating segments are numbered and sequenced according to the following rules:

2.7.2 Repeating Segments

- a) A **sequence number** data element is specified as part of a repeating data segment. The sequence number starts at 1 for the first transmitted repeating segment and is increased by 1 for each subsequent occurrence of this segment within the message.

eg. ODD = 1 +'
ODD = 2 +'
ODD = 3 +'

etc. 

order sequence number/count within invoice message

- b) The sequence number reverts to one at the start of each message.

2.7.3 Nested Segments

- a) The principle of using sequence numbers is extended so that there is one sequence number for each level of nesting. In this case, however, the sequence numbers must indicate the hierarchical order of the data segments:-

eg. ODD = 1 +! 1st level (highest or 'parent' level)
 ILD = 1 + 1 +! 2nd level (first invoice line sequence in first order)
 ILD = 1 + 2 +!
 etc.
 ODD = 2 +! 1st level
 ILD = 2 + 1 +! 2nd level
 ILD = 2 + 2 +!

- b) Where necessary, the technique can be extended to cover more complicated nesting situations:-

eg. AAA = 1 +!
 AAB = 1 + 1 +!
 AAB = 1 + 2 +!
 AAC = 1 + 2 + 1 +!
 AAC = 1 + 2 + 2 +!
 AAD = 1 + 2 + 2 + 1 +!
 AAC = 1 + 2 + 3 +!
 AAB = 1 + 3 +!
 AAC = 1 + 3 + 1 +!
 AAB = 1 + 4 +!
 AAA = 2 +!

2.7.4 Sequence Numbers

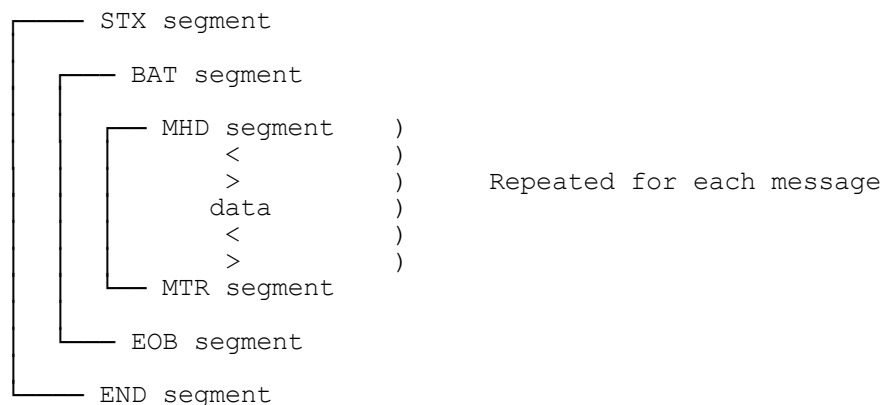
- a) On nested repeated segments the highest level sequence number must come first, followed by the next highest and so on.
- b) Segments must be transmitted in the hierarchical sequence indicated in the above examples.

2.8 Batching of Messages

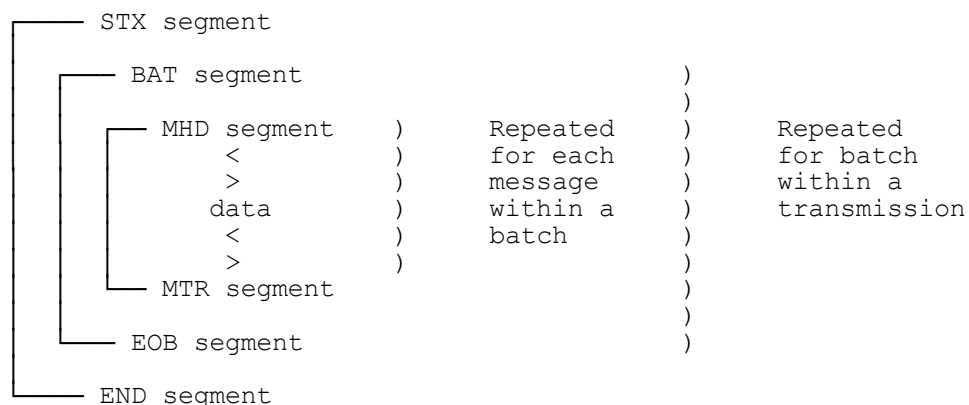
2.8.1 Batching of Messages within a Transmission (BAT and EOB)

- a) A transmission can be divided into a number of batches if such a facility is required in a particular application. Batching is a **conditional** feature of the syntax rules as it will not be a requirement of all interchanges.

- b) The facility must only be used, therefore, where the participants in an interchange agree this in advance.
- c) A batch of data within a transmission begins with a **Batch Header** segment which has the segment code BAT. A Batch is terminated by a **Batch Trailer** segment which has the segment code EOB.
- d) A transmission consisting of a single batch of messages can be depicted as:-



- e) A transmission consisting of more than 1 batch of messages can be depicted as:-



2.8.2 Batch Header Segment (BAT)

- a) This contains a reference allocated by the sender to the batch.

eg. BAT = 77421' identifies a batch with the reference 77421

2.8.3 Batch Trailer Segment (EOB)

- a) This contains a count of the number of messages in a batch, including any control messages.

eg. EOB = 29' indicates that a batch consists of 29 messages

Figure A.5

START OF TRANSMISSION SEGMENT
END OF TRANSMISSION SEGMENT

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in Directory)	
STX	=		START OF TRANSMISSION	M				
		STDS	Syntax Rules Identifier Identifier	M M	V	X(4)	Value = ANA, may be ANAA if reconciliation facility used Value = 1	
		:	Version	M	F	9		
		+	FROM	Identification of Transmission Sender Code Name	M C C	V V	X(14) X(35)	Code or name transmitted Codes can be agreed by interchange parties Mandatory if no code used
		+	UNTO	Identification of Transmission Recipient Code Name	M C C	V V	X(14) X(35)	Code or name transmitted Codes can be agreed by interchange parties Mandatory if no code used
		+	TRDT	Date and Time of Transmission Date Time	M M C	F F	9(6) 9(6)	Format: YYMMDD Format: HHMMSS (if required by the particular application)
		+	SNRF	Sender's Transmission Reference	M	V	X(14)	Reference for the transmission
		+	RCRF	Recipient's Transmission Reference	C	V	X(14)	If known to sender
		+	APRF	Application Reference	C	V	X(14)	Used by networks to validate transmission: does this sender have authority to send this type of message to this recipient?
+	PRCD	Transmission Priority Code	C	F	X(1)	Code Values List 1		
END	=		END OF TRANSMISSION	M				
		NMST	Number of Messages in Transmission	M	V	9(5)	Control count of the number of messages in a tape or transmission	

NOTE: DETAILS OF THE WAY IN WHICH STX IS USED FOR TRANSMISSIONS VIA VALUE ADDED NETWORKS ARE GIVEN IN THE NETWORK USER MANUAL.
ANA recommends the use of EAN Location Numbers to identify sender and recipient.

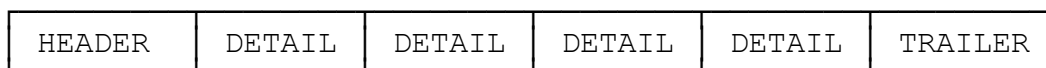
2.9 TRADACOMS CONVENTIONS

The UNGTDI syntax rules do not restrict the number and type of messages and files which may be exchanged. However to simplify processing, particularly for the recipient, the following TRADACOMS conventions have been established.

When other conventions are to be used in EDI communications, these need to be agreed with trading partners, to ensure that the combinations of files and messages can be processed correctly.

2.9.1 Single File Interchanges

A TRADACOMS File normally consists of a Header Message, one or more Detail Messages, followed by a Trailer Message. This convention is illustrated in the diagram below. For those messages which contain VAT information there is also a VAT Trailer Message before the File Trailer Message.



When several orders are being transmitted in one interchange to a supplier it is the usual practice to send all the Order Detail Messages within the same Header/Trailer Messages, rather than repeating the Header and Trailer Messages for each Detail Message. This improves the efficiency of the transmission.

It is recommended that there is one file for one recipient sent in each interchange transmission. This permits control of the files transmitted and end to end audit trails (see Volume 1 Section A Paragraph 8 Controls).

It is also recommended that there is one type of file in each interchange transmission as this allows recipients to sort and select files for different applications using the application reference in STX.

3. THE CONTEXT OF THE SYNTAX RULES

3.1 Applicability of the Syntax Rules to Various Interchange Environments

3.1.1 Introduction

In the following paragraphs the applicability of the rules to various types of interchange environments is discussed:-

- computer (or intelligent terminal) to computer (or intelligent terminal)
- computer to unintelligent terminal (including facsimile and telex)
- unintelligent terminal to computer

For the purpose of this discussion:-

- a computer is any equipment used to construct messages in accordance with the syntax rules (whether data is input manually or held on in-house computer records), or any equipment used to translate messages structured in accordance with the rules to meet in-house computer record or print layout requirements. for instance, it can add separators, terminators, segment codes etc., to data at the sender's end of a transmission and remove them at the recipient's end.
- an unintelligent terminal is any equipment which cannot be, or is not, used to construct and translate messages. It includes facsimile, telex and message switching systems where data has to be manually prepared or interpreted.

3.1.2 Computer (or Intelligent Terminal) to Computer (or Intelligent Terminal)

This includes the interchange of data over telecommunications links and by a physical medium, such as magnetic tape, where messages have been constructed by the sender's computer and are translated by the recipient's computer.

The syntax rules are primarily intended for this form of interchange. They act as a bridge between the internal requirements of the various interchange partners. Methods of data capture by senders of messages and methods of output of data by recipients are outside the scope of the syntax rules in this environment.

In this environment, errors caused by missing or wrongly used separators, or by other incorrect use of the syntax rules, are likely to be minimal once trials have been completed. It is strongly recommended that interchange partners carry out trials prior to implementing an interchange system, not only to ensure that data has been correctly formatted but also to ensure that the computers are compatible as far as the interchange medium is concerned.

Unless economy of transmission is vital, errors should be corrected by re-transmitting complete messages. This is the simplest form of correction. This subject is treated in detail in paragraph 9 of Section C in Volume 1.

3.1.3 Carriage Return and Line Feed Characters

These will not normally be included in computer-to-computer environments but it may not be possible to assume that such a transmission will not contain these characters, eg. the sender of the transmission may receive data which included these characters from another organisation and pass the data to the recipient without editing the data. In interchange systems where this could arise, participants could agree that senders of messages would remove all such characters prior to computer-to-computer interchange.

3.1.4 Computer to Unintelligent Terminal (Including Facsimile and Telex)

The TRADACOMS system is based on computer-computer transfers of data. When an unintelligent terminal is used to print or display messages the recipient will need a copy of the message specification.

Intelligibility is aided by the use of segment codes and the graphic separators = + ':' but messages in syntax rules format are not designed primarily for human interpretation.

Carriage Return and Line Feed characters would need to be transmitted on telex. These are not separator characters and can be used freely to improve the readability of messages, eg. after each line of a name and address.

3.1.5 Unintelligent Terminal to Computer

The main difference between data prepared by computers and data which is manually prepared is the likely increase in the incidence of errors, as neither data nor formats are validated by computer prior to interchange.

Recipients should be tolerant of 'extra' spaces if any data might be manually prepared.

eg. MHD = 12 + ORDHDR :3'

Data input manually to the telex network or a message switching system will contain fewer errors if input forms specially designed for each message are used.

3.2 Advantages of the Syntax Rules over Conventional Computer Records for Interchange Systems

The conventional layouts in most in-house systems, in which each data element begins in a fixed position within the character string comprising a record, have a number of drawbacks for **interchange systems**. These paragraphs illustrate how the syntax rules overcome these drawbacks, using progressive changes to conventional record layouts.

3.2.1 Drawbacks of Conventional Layouts for Interchange Purposes

Intelligibility

Conventional records are rarely directly intelligible to people without considerable computer processing experience. There are no segment codes or data element separators to aid the identification of each data element and, unless special arrangements are made to include a version number in a message, recipients cannot be certain that the necessary amendments have been made by senders.

Media Space

Utilisation of media space may be poor, as data elements are usually padded to their maximum length with leading zeros or trailing spaces. While this may not be critical on magnetic tape, it could be critical over telecommunication links.

Inflexibility

There is no data independence in conventional layouts. Any change to a data element length affects the position of all subsequent data elements within a message. A fully detailed record layout needs to be agreed by all interchange partners even though some individual participants may not require a particular data element. This makes maintenance difficult.

Machine Dependence

Different makes of computers may set varying constraints on logical records and block sizes. Conventions for variable length records on magnetic tape may differ.

3.2.2 How Syntax Rules Overcome these Disadvantages

(a) Conventional Layout

Figure A.6 illustrates a conventional record layout which might be used for a message based on part of an order. Each element begins in a fixed position and is padded to its maximum length. In this example six elements/sub-elements are not required, leaving spaces in the record layout. Only part of one order line is shown; a full order could contain over a thousand lines.

Figure A.6 Conventional Layout for Part of an Order Record

Record Layout	Elements/Sub-elements
810303 810313 USE GATE NO.6 0 6 12	Earliest delivery date, Latest delivery date, Delivery instructions narrative.
1 5012345678900 52 56 69	Order line sequence no., Supplier's EAN Trade Unit Code
12345A 5012345101019 77 90	Supplier's item no./code, Supplier's EAN consumer unit code, Retailer's own Brand no. (blank)
12 105 113 117	Retailer's item no. (blank), Consumer units in trade unit, Ordering measure (blank)
1000 125 131 136 144 150	Measure indicator (blank), No. of trade units ordered, Total measure ordered (blank), Measure indicator (blank), etc.

(b) **Segments**

- (i) The first improvement that the Syntax Rules make to this conventional layout is to divide one record for the whole order into shorter sub-records or, as they are called in the standards, **segments**.

For example the delivery dates and instructions could be included in a segment called DIN. The order line details could form part of a segment called OLD. (Figure A.7.)

Figure A.7

DIN	810303	810313	USE GATE NO.6
0 3	9	15	
OLD	1	5012345678900	12345A etc
0 3	7	20	28

- (ii) This technique gives three advantages:-
- Better use can be made of media space. If there is no data in an entire segment, then it can be omitted from the interchange message.
 - Segment codes make a message more intelligible.
 - It is more flexible, as additional segments can be inserted without

difficulty.

(iii) However, there are some disadvantages:-

- A data element which is blank in a segment containing some non-blank data elements still takes up media space eg. allowing for orders by trade unit or measure in the OLD segment.
- Data elements are identified solely by their position within the segment. A change in the length of one element would necessitate changing the position of all subsequent elements in the segment. Data independence is therefore limited.
- Another disadvantage is that each segment would need to start on a computer record boundary, as there is no other easy way of distinguishing the segment code. To complicate matters, each type of segment could have a different length and some computers cannot cope with variable length records: alternatively all segments would need to be padded out to a common length which would be wasteful of media space.

(c) **Separator Characters**

(i) The above difficulties are overcome in the Syntax Rules by the inclusion of special characters to separate one data element from another, to terminate a segment, to separate a segment code from the data and to split a composite data element, where required, into its component parts.

Figure A.8 contains the same data as shown in the conventional record layout in Figure A.6 but formatted according to the Syntax Rules.

Figure A.8 Syntax Rules Layout for Part of an Order Record

DIN=810303+810313++USE GATE NO.6' OLD=1+5012345678900:12345A+5012345101019++12+1000+.....
--

In Figure A.8:-

- A plus (+) is used to terminate each data element.
- An apostrophe (') - or single quote - is used to terminate a segment.
- A colon (:) is used to separate one sub-element from another.
- An equals sign (=) is used to separate a segment code from the data.
- A plus (++) is not used to terminate the last data element of a segment as the apostrophe fulfils the purpose.

- (ii) Padding can be omitted by incorporating separator characters. This improves the use of media space. Figure A.8 uses 83 characters against the 150 used in Figure A.6.
- (iii) Separators help to make the message more intelligible.
- (iv) Data element lengths can be altered without affecting the identification of subsequent data elements.
- (v) Segments need not begin on a computer record boundary as the use of separators clearly distinguishes the segment code. Message and segment lengths, therefore, need not be dictated by such constraints as input/output block sizes, particular conventions on the use of variable length records, the physical characteristics of punched cards, telecommunications, protocols etc. Anyone interchanging data on a variety of media or between machines using different conventions needs to be free of such restraints.

3.2.3 Absence of Data

In many messages some of the data will be mandatory (ie. it must always be present) and some will be conditional (ie. it might or might not be present depending upon the sender, mode of transport, type of goods etc.). The absence of data can be indicated efficiently in three ways using the syntax rules:-

- Where no data need be transmitted for an entire segment, the segment need not be transmitted at all (ie. where all the data elements are conditional).
- Where one or more data elements at the end of a segment are absent, the segment may be truncated, eg. if there are five data elements in a segment and data is only required for the first two A and B, this can be represented by:-

segment code = data for A + data for B'

- Where no data is required for an element which precedes another element for which data is required in a segment, the absence of data can be indicated by the data element separator character. For example, if there is no data for element B in the sequence of elements A, B, C this can be represented by:-

segment code = data for A ++ data for C'

3.2.4 Conclusion

One point should be re-emphasised - it is not proposed that conventional, in-house record layouts or databases as used by application programs should be replaced by ones structured according to the syntax rules. The rules are used to structure messages at the point of interchange as a "bridge" between differing systems. The sender converts from his internal record layouts and the recipient converts into his internal record layouts. The fact that the sender may have conventional files and the recipient a database will not affect the success of the syntax rules as a bridge for the transfer of data between the two systems. The syntax rules are also being used to transfer data between different parts of

the same company.

SECTION B
STANDARD DATA ELEMENT DIRECTORY

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SECTION B - THE STANDARD DATA ELEMENT DIRECTORY

1. INTRODUCTION

All current ANA TRADACOMS data elements which appear (or have appeared) in published messages are listed here, with their standard names and identifier codes. The directory contains the full definition of each data element, with sub-elements for composite data elements. The data segments in which the elements are used is indicated in the following table. The standard messages and files in which the segments appear can be found in the Segment Directory in Section C.

To achieve uniformity across all message formats, the definitions given here are replicated within the segments and messages in which they are included. However there may be additional specific General Remarks in particular file formats given in Volumes 2 and 3 of the manual.

The Directory is in alphabetical order of the Identifier codes. There is also a list of elements in Data Element Name order, to aid users wishing to find a particular data type. The Reference Numbers given in the previous edition of the manual are also listed. These reference numbers were used to group the data elements into the following categories:

The Categories of Data Elements

- 1 Start of Transmission, End of Transmission, Message Header, Message Trailer.
- 2 File Identification Details.
- 3 Customer and Supplier Details.
- 4 Codes, Special Indicators/Identifiers, Counts, Sequence Numbers.
- 5 References, Dates, Units, Quantities.
- 6 Cost Details, Discount Amounts/Totals, Percentages.
- 7 Amounts, Sub-Totals.
- 8 Totals, Hash Totals.
- 9 General Descriptive Text/Narrative.

2. THE DATA ELEMENT DIRECTORY COLUMN HEADINGS

2.1 Identifier

The unique 4-alpha identifier allocated to the data element. This is used as a data element name in high level programming.

2.2 Data Element Name

The standard name allocated by the ANA. Names indented indicate the sub-elements of a composite data element.

2.3 Used in Segments

The segment, or segments, in which the data element is used. Reference to the Segment Directory in Section C of this manual will indicate the standard messages and files in which the segments are used. (Any subsequent amendments to the data elements can thus be traced through to all the documentation and programs affected).

2.4 M/C

Indicates whether the data element is mandatory (M) or conditional (C) in each segment in which it is used. Also whether the sub-elements are mandatory or conditional within a composite data element.

2.5 F/V

Indicates whether the data element, or sub-element, is of fixed (F) or variable (V) length.

2.6 Picture

Indicates the number of numeric (9) digits or alphanumeric (X) characters allowed in the data field. If the field is numeric, this excludes any minus sign or the decimal point. The decimal point is implied and its position within the data field is indicated by V.

2.7 General Remarks

These are the remarks that are appropriate to the data element, or sub-element, in all contexts in which it is used. In any particular message format these remarks may be supplemented by message-specific remarks and/or reformulated to particularise their meaning in that message.

4. DATA NAME INDEX

This lists the data elements in name order

DATA NAME INDEX

Name	Cat.Ref.	Ident.	Sub-Element
ANA Code for Garment Maker	11.004	GMAK	1
ANA Credit Reason Code	4.015	CRRE	1
Accept/Reject Indicator	.000	ACRE	
Account Identifier	3.205	ACID	
Account Identifier		REFE	
Account Name	3.205	ACID	2
Account Number	3.205	ACID	1
Account Reference		MARF	
Accumulation Rules	.000	ACCR	
Acknowledged Unit Cost Price	6.020	AUCT	
Acknowledgement Code		ACDE	
Acknowledgement Date		ACDT	
Action		ACTN	
Action Code		ACTN	1
Action Comment		ACTN	2
Actual Adjustment	.000	AADJ	
Actual/Proposed Status Indicator	4.230	APIN	
Adjustment Amount	.000	AADJ	2
Adjustment Factor	.000	ADJF	
Adjustment Factor Code	.000	ADJF	1
Adjustment Factor Value	.000	ADJF	2
Adjustment Percentage	.000	AADJ	1
Adjustment Type Indicator	.000	ADJT	
Advice Note Date	11.021	ADVN	2
Advice Note Details	11.021	ADVN	
Advice Note Number	11.021	ADVN	1
Advised Lengths	.000	ADLG	
Advised Quantity	.000	AQTY	
Advised Units	.000	ADUN	
Advised Weights	.000	ADWT	
Allowance/Charge Indicator	.000	AOCI	
Alphanumeric VAT Registration No.	3.080	VATN	2

Alphanumeric VAT Registration No.	3.081	VATR	2
Amended Invoice Reference	.000	VDAA	4
Amount Payable	.000	AMPA	
Amount Payable	7.140	AMPY	
ANMW Multiple Group Member		CUSG	
Application Reference	1.070	APRF	
Application Text	9.130	RTEX	2
Application Text	9.130	RTEX	4
Application Text	9.130	RTEX	6
Application Text	9.130	RTEX	8
Area of Exception Condition	9.200	AEXC	
Area of Exception Condition	9.200	AEXC	1
Area Manager		MAMN	
Association Indicator		MUNE	1
Attribute Code		DATT	1
Attribute Code		TIME	1
Authentication Result	8.300	AUTR	
Authentication Result 1	8.300	AUTR	1
Authentication Result 2	8.300	AUTR	2
Authentication Result 3	8.300	AUTR	3
Authorisation	.000	AUTT	
Authorisation	3.092	LEVC	2
Authority Reference	5.405	AUTH	
Availability Reference/Series No.	5.400	AREF	
Back Order Indicator	4.420	DIND	2
Balance Brought Forward	.000	BABF	
Balance Brought Forward	.000	BABF	1
Balance Date	5.650	OUBA	2
Balance of Outstanding Prepayments Received		PAYB	
Bank Identity Code	4.515	BKIC	
Bank Information	12.000	BKIN	
Bank Name	3.220	BNAM	
Bank/Branch Identifier	3.210	BBID	
Barcode as Printed on Cover	.000	IBCM	
Base Price per Unit	.000	BPRI	
Batch ID	.000	REPN	1

Name	Cat.Ref.	Ident.	Sub-Element
Batch Number	.000	BATN	
Bill File Total Amount before VAT	.000	FASU	
Bill File Total Amount before VAT	.000	FASU	1
Bill File Total Payable inc. VAT	.000	FPSU	
Bill File Total Payable inc. VAT	.000	FPSU	1
Bill File Total VAT Amount	.000	UVAT	
Bill File Total VAT Amount	.000	UVAT	1
Bill Frequency Code	.000	BIFR	
Bill Total VAT Amount Payable	.000	UTVA	
Bill Total VAT Amount Payable	.000	UTVA	1
Bill Type Code	.000	BTCD	
Blend/Merge Number	.000	BLND	
Booking In Necessity	3.015	BINN	
Branch Claim Quantity	10.095	BCMQ	
Branch Claims File Total	10.025	BCFT	
Branch Claims Total	10.140	BCMT	
Calorific Value	.000	CLVM	1
Calorific Value in Specified Units	.000	CLVM	
Carrier Details	.000	CARD	
Carrier Sortation Data		CSOR	
Carrier's EAN Location Number	.000	CARD	1
Carrier's Identity Allocated by Cus	.000	CARD	2
Carrier's Name	11.022	CARN	
Cash Back Amount	.000	AMPA	2
Cash Settlement Discount Identifier	4.080	CSDI	
Charge End Date	.000	CEDT	
Charge Start Date	.000	CSDT	
Charge Type Code	.000	CCDE	
Chargeable Storage Medium Indicator	.000	CSTI	
Claim Note Date	10.045	CLDT	
Claim Note Number	10.040	CLNN	
Claims End Date		CEDD	
Claims End Date	.000	ICSE	
Claims Start Date		CSTD	
Claims Start Date	.000	ICSD	

Name	Cat.Ref.	Ident.	Sub-Element
Classification System		RCAT	1
Closing Stock for the Period	5.410	CLSK	
Code		ACDE	1
Code	.000	AUTT	2
Code	1.020	FROM	1
Code	1.030	UNTO	1
Code Table Number	9.140	DNAC	1
Code Value	9.140	DNAC	2
Code Value		LATT	2
Code Value		LATT	4
Code Value		LATT	6
Code Value		LATT	8
Code for Replaced Item	3.100	CORI	
Code for Unit Contained	3.110	UCON	
Collection Method	.000	REPN	2
Collection Note Date	5.046	CNDT	
Collection Note Number	5.043	CNNR	
Colourway Description	.000	COLW	2
Colourway Number	.000	COLW	1
Colourway References	.000	COLW	
Comment		ACDE	2
Company Identifier (non-EAN)		COTN	3
Company Trade Name		COTN	
Company Trading Name Code	COTN		1
Company Trading Name Title		COTN	2
Composition	11.011	COMP	
Consumer Units in Traded Unit	5.120	UNOR	1
Consumption (Adjusted Units)	.000	CONA	
Consumption (Base Units)	.000	CONB	
Consumption (Billing Units)	.000	CONS	
Consumption/Charge Indicator	.000	CCDE	1
Contact Details		CONT	
Contact Fax Number		CONT	3
Contact Name		CONT	1
Contact Name	3.165	CTNM	

Name	Cat.Ref.	Ident.	Sub-Element
Contact Name at Customers	11.007	CCON	
Contact Name at Dyers/Suppliers	11.006	DCON	
Contact Telephone Number		CONT	2
Contract Number	5.550	SCRF	2
Contruaction/Yarn Type	11.010	CNST	
Copies Claimed		COPC	
Copies Rejected		CREJ	
Cost Price	6.010	OUCT	1
Cost Price (before VAT)	6.020	AUCT	1
Country Code	.000	REPN	5
Country of Origin		CUDA	2
Cover ID Format	.000	IDCI	2
Cover Identification	.000	IDCI	1
Cover Identification and Format	.000	IDCI	
Cover Price In Pence	.000	IRCP	
Credit Discount Value	06.051	CDSV	
Credit Indicator	.000	BABF	2
Credit Indicator	.000	CTOT	2
Credit Indicator	.000	FASU	2
Credit Indicator	.000	FBAB	2
Credit Indicator	.000	FPSU	2
Credit Indicator	.000	FTOP	2
Credit Indicator	.000	MVAL	2
Credit Indicator	.000	PTOT	2
Credit Indicator	.000	TBTL	2
Credit Indicator	.000	USDI	2
Credit Indicator	.000	UTVA	2
Credit Indicator	.000	UVLT	2
Credit Indicator	.000	UVTT	2
Credit Indicator	.000	VTVC	2
Credit Line Indicator	4.060	CRLI	
Credit Line Indicator	.000	PPAM	2
Credit Line Indicator	.000	UCSI	2
Credit Line Indicator	.000	UPSI	2
Credit Line Indicator	.000	UVAT	2

Name	Cat.Ref.	Ident.	Sub-Element
Credit Line Indicator	.000	UVLA	2
Credit Note Date	5.106	CRDT	
Credit Note Number	5.036	CRNR	
Credit Reason Description	4.015	CRRE	3
Credit Value (before VAT)	6.026	UCRV	1
Currency	.000	QPER	5
Currency Indicator	.000	CUIN	
Current Price Schedule Reference	.000	CPSC	
Customer Card Number	.000	PANN	1
Customer Classification		RCAT	
Customer Group EAN Number		CUSL	1
Customer Group Location		CUSL	
Customer Group Name		CUSN	
Customer Price After Discount	6.130	ACPR	
Customer Price Before Discount	6.120	BCPR	
Customer Telephone Number		CTEL	
Customer's Address	3.032	CADD	
Customer's Address Line 1	3.032	CADD	1
Customer's Address Line 2	3.032	CADD	2
Customer's Address Line 3	3.032	CADD	3
Customer's Address Line 4	3.032	CADD	4
Customer's Allowance		CALL	
Customer's Code for Order Office	3.155	OLOC	2
Customer's Code for Transmission Re	3.024	ITRA	2
Customer's EAN Location Number	3.020	CIDN	1
Customer's EAN Location Number	3.000	CLOC	1
Customer's ID Allocated by Supplier	3.020	CIDN	2
Customer's Identity	3.020	CIDN	
Customer's Instruction Number	5.610	INRF	1
Customer's Invoice Location Code	3.022	ILOC	2
Customer's Item Code	3.040	CPRO	2
Customer's Item Code	3.046	CPRS	2
Customer's Item Code	3.110	UCON	5
Customer's Item Code	3.100	CORI	5
Customer's Location	3.000	CLOC	

Name	Cat.Ref.	Ident.	Sub-Element
Customer's Name	3.030	CNAM	
Customer's Order Number	5.010	ORNO	1
Customer's Own Brand EAN Number	3.100	CORI	4
Customer's Own Brand EAN Number	3.040	CPRO	1
Customer's Own Brand EAN Number	3.046	CPRS	1
Customer's Own Group Code		CUSL	2
Customer's Own Location Code	3.000	CLOC	2
Customer's Own Location Code	3.029	CLOE	2
Customer's Own Location Code	3.028	CLOS	2
Customer's Post Code	3.032	CADD	5
Customer's Product Number	3.040	CPRO	
Customer's Reference		REFF	2
Customer's Region Code	3.009	REGC	
Customer's Statement Location Code	3.026	SLOC	2
Customer's Substituted Product Code	3.046	CPRS	
Customer's VAT Registration Number	3.081	VATR	
Customers Price List	5.660	PLND	2
Customer's Own Brand EAN Number	3.110	UCON	4
Customs Information		CUDA	
Customs Form Type Indicator		CUDA	3
DUN-14 Code	3.110	UCON	3
DUN-14 Code for Traded Unit	3.070	SPRO	3
DUN-14 Code for the Traded Unit	3.076	SPRS	3
DUN-14 Code of Replaced Item.	3.100	CORI	3
Data Lines	10.517	STLD	
Data Narrative Code	9.140	DNAC	
Date Attributes		DATT	
Date Goods Delivered to Customer	5.050	PODN	2
Date Goods Uplifted from Customer	5.580	POUN	2
Date Instruction Recv'd by Supplier	5.610	INRF	4
Date Instruction Placed by Customer	5.610	INRF	3
Date Order Received by Supplier	5.010	ORNO	4
Date Order Placed by Customer	5.010	ORNO	3
Date Range	5.116	DARA	
Date and Time of Transmission	1.040	TRDT	

Name	Cat.Ref.	Ident.	Sub-Element
Date at End of Period	10.522	RTRS	4
Date of Bill Withdrawn	.000	VDAA	2
Date of Delivery/Uplift Units	5.038	UPLN	2
Date of Document	5.040	DELN	2
Date of First Entry	10.522	RTRS	1
Date of Invoice	5.100	IVDT	
Date of Message	5.310	MEDT	1
Date of Transmission	1.040	TRDT	1
Date of Change	5.113	DACH	
Date Relating to Message	5.705	DATE	
Daytime Number		CTEL	1
Debit Line Indicator	04.065	DRLI	
Debit Note Date	5.103	DNDT	
Debit Note Number	5.033	DNNR	
Deleted Issue Indicator	10.000	IDEL	
Deliver To	3.012	DELT	
Delivery Address Line 1	.000	DADD	1
Delivery Address Line 2	.000	DADD	2
Delivery Address Line 3	.000	DADD	3
Delivery Address Line 4	.000	DADD	4
Delivery Condition	4.200	DELC	
Delivery Confirmation Action	4.390	DUAC	2
Delivery Indicators	4.420	DIND	
Delivery Instruction Narrative	9.020	DINS	
Delivery Instruction Number	5.560	DINN	
Delivery Instructn Narrative Line 1	9.020	DINS	1
Delivery Instructn Narrative Line 2	9.020	DINS	2
Delivery Instructn Narrative Line 3	9.020	DINS	3
Delivery Instructn Narrative Line 4	9.020	DINS	4
Delivery Lead time	5.672	DLED	
Delivery Note Details	5.040	DELN	
Delivery Note Number	5.040	DELN	1
Delivery Period End Date	5.090	DVED	
Delivery Post Code	.000	DADD	5
Delivery Quantity	5.165	DELQ	

Name	Cat.Ref.	Ident.	Sub-Element
Delivery Round Code		CSOR	4
Delivery Volume	5.137	DEVL	
Delivery Weights	5.135	DEWT	
Delivery to Address	.000	DADD	
Delivery to Location	.000	ELOC	
Delivery to Name	.000	DNAM	
Delivery/Uplift Action	4.390	DUAC	
Department	.000	DEPT	
Depot Code		CSOR	3
Depot Code	4.330	DEPO	
Depot Name		CSOR	2
Design Description	.000	DESN	2
Design Number	.000	DESN	1
Design References	.000	DESN	
Despatch From	3.017	DESF	
Despatch Location	3.150	DLOC	
Direct to Customer Indicator		DCUS	
Discount Amount for Invoice Qty.	6.060	QYDA	
Discount Amount for Invoice Value	6.070	VLDA	
Discount Applicability Dates	5.676	DAPD	
Discount Percentage	6.100	DSCP	
Discount Reclaimed for Credit Qty	6.066	QYCA	
Discount Reclaimed for Credit Value	6.076	VLCA	
Discount Type	4.231	DTYP	
Discount Value	6.050	DSCV	
Discount Value Graduations	5.678	DVGD	
Dye Lot/Shade Order Number/Sort No.	.000	LOTN	
Dyeing Instructions	.000	DYEI	
Dyeing Instructions Line 1	.000	DYEI	1
Dyeing Instructions Line 2	.000	DYEI	2
Dyeing Instructions Line 3	.000	DYEI	3
Dyeing Instructions Line 4	.000	DYEI	4
EAN Article Number	11.003	YAGT	1
EAN Article Number	11.002	YSUP	1
EAN Location No of Dept/Person	3.120	METO	1

Name	Cat.Ref.	Ident.	Sub-Element
EAN Location Number	3.029	CLOE	1
EAN Location Number	3.028	CLOS	1
EAN Location Number	.000	ELOC	1
EAN Location Number	11.005	FCUS	1
EAN Location Number	11.001	GSUP	1
EAN Location Number	3.022	ILOC	1
EAN Location Number	3.024	ITRA	1
EAN Location Number		PARL	1
EAN Location Number		PLOC	1
EAN Location Number	.000	REPN	3
EAN Location Number	3.026	SLOC	1
EAN Location Number	3.152	TLOC	1
EAN-13 Article Number	11.009	QLTF	3
EAN-13 Article No for Unit of Trade	3.076	SPRS	1
EAN-13 Article No.for Unit of Trade	3.070	SPRO	1
EAN-13 Article Number	.000	CCDE	2
EAN/ISSN Number	.000	IDID	
EFTPOS Transaction Type	.000	EFTT	
Earliest Delivery Date	5.060	EDAT	
Earliest Time	5.075	RATM	1
Earliest Time		RTHD	1
Earliest Uplift Date	5.620	EUDT	
Electronic Transmission From/To	3.019	ETFT	
End Customer's Location Identity	3.029	CLOE	
End Date	5.676	DAPD	2
End Date	5.116	DARA	2
End Date		DATT	3
End Date	5.674	PAPD	2
End Date	.000	SUMO	2
End Date		TRDD	3
End of Range		PROD	3
End Time		LUHR	2
End Time		TIME	3
End Use of Fabric/Yarn	.000	ENDU	
EPOS Till Indicator		EPTI	

Name	Cat.Ref.	Ident.	Sub-Element
Evening Number		CTEL	2
Exception Code	5.715	ECOD	
Exception Text	9.205	ETXT	
Expected Delivery Date	5.655	XDAT	
Expiry Date	.000	PANN	2
Extended Line Cost (before VAT)	6.030	LEXC	
Extended Sub-Total Amount (after sd	7.060	ASDA	
Extended Sub-Total Amount before sd	7.040	EVLA	
Fax Number		FAXN	
File (Reel) Identification	2.040	FLID	
File Creation Date	2.030	FLDT	
File Generation Number	2.010	FLGN	
File Sub-Total Amount (after sd)	7.100	VSDI	
File Sub-Total Amount (before sd)	7.090	VSDE	
File Sub-Total Payable (after sd)	7.130	VPSI	
File Sub-Total Payable (before sd)	7.120	VPSE	
File Tot No of Picking Instructions	4.350	FTPC	
File Total Amount (after sd, no VAT	8.110	FASI	
File Total Amount (before VAT & sd	8.100	FASE	
File Total Balance Brought Forward	.000	FBAB	
File Total Balance Brought Forward	.000	FBAB	1
File Total No of Report Messages	10.520	FTSR	
File Total No. of Invoices/Credit	4.117	FTNI	
File Total Number of Acknowledgments	4.400	FTAK	
File Total Number of Adjustments	4.380	FTNA	
File Total Number of Confirmations	4.320	FTCO	
File Total Number of Debit Advices	8.330	FTND	
File Total Number of Deliveries	4.112	FTDE	
File Total Number of EFT Messages	.000	FTEM	
File Total Number of Hot Messages	.000	FTNH	
File Total Number of Orders	4.100	FTOR	
File Total Number of Payment Msgs	8.305	FTNP	
File Total Number of Snapshots	4.310	FTNS	
File Total Number of Uplifts	4.370	FTUP	
File Total Payable after sett disc	8.140	FPSI	

Name	Cat.Ref.	Ident.	Sub-Element
File Total Payable before sett disc	8.130	FPSE	
File Total VAT Amount	8.120	FVAT	
File Total VAT for VAT Category	.000	VTVC	
File Total VAT for VAT Category	.000	VTVC	1
File Total for VAT Cat (before VAT)	.000	USDI	
File Total for VAT Cat (before VAT)	.000	USDI	1
File Total for VAT Category (incVAT	.000	UPSI	
File Total for VAT Category (incVAT	.000	UPSI	1
File Total of Availability Reports	4.360	FTAR	
File Total of Payment Details	.000	FTOP	
File Total of Payment Details	.000	FTOP	1
File Total of Credit Advice Msgs	8.320	FTNC	
File Total of Debit Advice Msgs	8.330	FTND	1
File Total of Exception Reports	8.310	FTNE	
File VAT Sub-Total	7.110	VVAT	
File Version Number	2.020	FLVN	
Final Customer	11.005	FCUS	
Finished Markings	.000	MARK	2
Finished Quality	11.009	QLTF	
Finished Quality Code	11.009	QLTF	1
Finished Quality Description	11.009	QLTF	2
Finished Quantity for Shade	.000	TSHD	2
Finished Width in cms.	.000	FWID	
Finishing Instructions	.000	FINI	
Finishing Instructions Line 1	.000	FINI	1
Finishing Instructions Line 2	.000	FINI	2
Finishing Instructions Line 3	.000	FINI	3
Finishing Instructions Line 4	.000	FINI	4
First Attribute Code Table		LATT	1
First Class Code/Value		RCAT	2
First Level Sequence Number	4.141	SEQA	
First Name		MAMN	2
First Name		MANA	2
First Name		PROP	2
First Registered Application Code	9.130	RTEX	1

Name	Cat.Ref.	Ident.	Sub-Element
Fourth Attribute Code Table		LATT	7
Fourth Class Code/Value		RCAT	5
Fourth Level Sequence Number	4.144	SEQD	
Fourth Registered Application Code	9.130	RTEX	7
Frequency of Publication	.000	IDFE	
Frequency/Schedule		DATT	4
From	5.678	DVGD	1
From	6.685	PVGD	1
Full Title (Publisher)	.000	IDFT	
Fully SOR Indicator	.000	IPFS	
Garment Maker	11.004	GMAK	
General Narrative	9.040	GNAR	
General Narrative Line 1	9.040	GNAR	1
General Narrative Line 2	9.040	GNAR	2
General Narrative Line 3	9.040	GNAR	3
General Narrative Line 4	9.040	GNAR	4
Grade		MGRD	
Graduated Price	6.160	GRPR	1
Graduated Scale Price	6.160	GRPR	
Graduation Type	4.432	GTYP	
Grey Markings	.000	MARK	1
Grey Quality	11.008	QLTG	
Grey Quality Code	11.008	QLTG	1
Grey Quality Description	11.008	QLTG	2
Grey Width in cms	11.015	GWID	
Grey Supplier	11.001	GSUP	
Gross Length	.000	ADLG	1
Gross Weight	.000	ADWT	1
Gross Weight of Storage Medium	.000	UGST	
Gross Weight of Unit	5.230	UGWT	
Growth Allowance	10.065	GRAL	
Hash Total of Variable Measures	8.170	WTVT	
Height of Storage Medium	.000	UHST	
Height of Unit	5.260	UHYT	
Home Delivery Indicator		HOMD	

Name	Cat.Ref.	Ident.	Sub-Element
Hours	5.672	DLED	2
House Over File Total	10.030	HSFT	
House Over Quantity	10.100	HSOQ	
House Over Total	10.145	HSOT	
ID of Transmission Recipient	1.030	UNTO	
ID of Transmission Sender	1.020	FROM	
Identifier	1.010	STDS	1
Identity Allocated by Customer	11.003	YAGT	2
Identity Allocated by Customer	11.005	FCUS	2
Identity Allocated by Customer	11.004	GMAK	2
Identity Allocated by Customer	11.001	GSUP	2
Identity Allocated by Customer	11.002	YSUP	2
Initial Supply File Total	10.001	INFT	
Initial Supply Quantity	10.070	INSQ	
Initial Supply Total	10.115	INST	
Installation Date	.000	INSD	
Instruction References	5.610	INRF	
Invoice Location	3.022	ILOC	
Invoice Number	5.030	INVN	
Invoice Period End Date	5.080	IVED	
Invoice System EAN Location Number	3.180	INLO	1
Invoice System Location Details	3.180	INLO	
Invoice System Supplier's Own Code	3.180	INLO	2
Invoice To	3.013	INVT	
Invoice To Address	3.175	IADD	
Invoice To Address Line 1	3.175	IADD	1
Invoice To Address Line 2	3.175	IADD	2
Invoice To Address Line 3	3.175	IADD	3
Invoice To Address Line 4	3.175	IADD	4
Invoice Transmission Recipient	3.024	ITRA	
Issue Number	10.055	ISNO	
Issue Number	.000	PANN	4
Issue Period To	.000	IPTO	
Issue Period from	.000	IPFR	
Item Group Identifier	4.070	IGPI	

Name	Cat.Ref.	Ident.	Sub-Element
Journey Reference	5.510	JORF	
Labels Per Package		LPCCK	
Last Date for Order	.000	ISOD	
Last Issue Indicator	.000	ILST	
Latest Delivery Date	5.070	LDAT	
Latest Time	5.075	RATM	2
Latest Time		RTHD	2
Latest Uplift Date	5.625	LUDT	
Layers Per Pallet	5.220	LPAL	
Length of Storage Medium	.000	ULST	
Length of Unit	5.240	ULTH	
Level Code	3.092	LEVC	1
Level References	3.092	LEVC	
Line Document Amount Payable	6.180	LIDA	
Line Document Date	5.055	LIDR	2
Line Document Discount Taken	6.210	LIDD	
Line Document Number	5.055	LIDR	1
Line Document Reference	5.055	LIDR	
Line Document Total (Exc. VAT & sd.	6.190	LIDT	
Line Document VAT	6.200	LIDV	
Lines Acknowledged	4.395	LACK	
Lines Confirmed	4.093	LCON	
Lines Delivered	4.095	LDEL	
Lines Ordered	4.090	LORD	
Lines Sub-Total (before sett. disc.	7.030	LVLA	
Lines Total Amount (before sett dis	8.010	LVLT	
Lines Uplifted	4.097	LUPL	
Location Activity Indicator	10.525	LOCA	
Location Address	3.004	LADD	
Location Address Line 1	3.004	LADD	1
Location Address Line 2	3.004	LADD	2
Location Address Line 3	3.004	LADD	3
Location Address Line 4	3.004	LADD	4
Location Attributes		LATT	
Location Code		LOCO	

Name	Cat.Ref.	Ident.	Sub-Element
Location Name	3.002	LNAM	
Location Post Code	3.004	LADD	5
Location Telephone Number	3.006	LTEL	
Location Telex Number	3.007	LTLX	
Location Values/Measurements		LVAL	
Lot & Shade Details Ordered	.000	NLSD	
Lot & Shade Line Details Ordered	.000	NLLD	
Lunch Hour		LUHR	
Manager/Contact		MANA	
Manufacturer's EAN-13 Article Numbr	3.100	CORI	1
Manufacturer's EAN-13 Article No.	3.110	UCON	1
Manufacturer's Recom. Selling Price	6.140	SPRI	1
Manufacturers recommended selling	6.141	MSPR	1
Marked Price	6.141	MSPR	3
Marked Price	6.140	SPRI	2
Marked Price	6.141	MSPR	2
Markings	.000	MARK	
Master File Total No. of Hot Card	.000	FTNM	
Maximum Ordering Value	5.675	MOVL	2
Maximum Ordering quantity	5.670	MOQY	2
Maximum Storage Temperature	5.290	TMAX	
Measure		LVAL	3
Measure From	.000	PQGD	2
Measure Indicator	.000	AQTY	3
Measure Indicator	5.410	CLSK	3
Measure Indicator	5.165	DELQ	3
Measure Indicator	5.677	DQGD	3
Measure Indicator	5.677	DQGD	6
Measure Indicator		LVAL	4
Measure Indicator	5.670	MOQY	4
Measure Indicator	5.140	OQTY	3
Measure Indicator	6.010	OUCT	2
Measure Indicator	.000	PQGD	6
Measure Indicator	5.190	QADJ	3
Measure Indicator	.000	QPER	3

Name	Cat.Ref.	Ident.	Sub-Element
Measure Indicator	5.194	QPRO	3
Measure Indicator	5.180	QTYC	3
Measure Indicator	5.150	QTYI	3
Measure Indicator	5.192	QTYP	3
Measure Indicator	5.175	QTYR	3
Measure Indicator	5.170	QUTF	3
Measure Indicator	5.595	RQTY	3
Measure Indicator	5.185	SQTY	3
Measure Indicator	6.026	UCRV	2
Measure Indicator	5.120	UNOR	3
Measure Indicator	5.167	UPLQ	3
Measure Indicator	.000	XQTY	3
Measure Indicator	6.020	AUCT	2
Measure Indicator	.000	PQGD	3
Measure of Weight		WGHT	1
Message Date and Time	5.310	MEDT	
Message Reference	1.090	MSRF	
Message To	3.120	METO	
Message Total	.000	TVTP	
Meter Location	.000	MLOC	
Meter Number	.000	MTNR	
Meter Sub-address		MSAD	
Method	.000	AUTT	1
Minimum Ordering Value	5.675	MOVL	1
Minimum Ordering Quantity	5.670	MOQY	1
Minimum Storage Temperature	5.280	TMIN	
Mixed VAT Rate Product Indicator	4.028	MIXI	
Modifier Category	.000	MCAT	
Modifier Code	.000	MCDE	
Modifier Value	.000	MVAL	
Modifier Value	.000	MVAL	1
Monthly Charge Deferred Value	.000	MCDV	
Multiple Newsagent		MUNE	
Name	1.020	FROM	2
Name	1.030	UNTO	2

Name	Cat.Ref.	Ident.	Sub-Element
Name of Agent	11.003	YAGT	3
Name of Carrier	9.060	SCAR	
Name of Company to be Invoiced	.000	INAM	
Name of Department or Person	3.120	METO	3
Name of Final Customer	11.005	FCUS	3
Name of Garment Maker	11.004	GMAK	3
Name of Grey Supplier	11.001	GSUP	3
Name of Yarn Supplier	11.002	YSUP	3
National Federation Member Indicator		NAFE	
Nature of Hot Card	.000	NOHC	
Negative Indicator	.000	CONA	3
Negative Indicator	.000	CONB	3
Negative Indicator	.000	CONS	3
Negative Indicator	.000	NUCT	3
Negotiated Min Remaining Shelf Life	5.300	NMRS	
Net Credit Value (before VAT)	6.036	EXLV	
Net Length	.000	ADLG	2
Net Price	6.683	SBPR	2
Net Price	6.684	STPR	2
Net Sale File Total	10.015	NTFT	
Net Sale Quantity	10.085	NTSQ	
Net Sales Total	10.130	NTST	
Net Weight	.000	ADWT	3
News Force Member Indicator		NEFO	
New Status	4.222	NSTA	
Nominated Delivery Day		CSOR	5
Number of Availability Reports	4.280	NOPA	
Number of Closing Stock Order Units	5.410	CLSK	1
Number of Customer Locations		NOCR	
Number of Days	.000	PAYY	1
Number of Days' VAT	.000	NDVT	
Number of Delivery or Uplift Units	5.130	NODU	
Number of Ends/Panels Making Up Uni	.000	NOEP	
Number of Finished Units	.000	ADUN	2
Number of Interchange Messages	.000	TINT	

Name	Cat.Ref.	Ident.	Sub-Element
Number of Item Lines	4.110	NRIL	
Number of Lines Picked in Order	4.270	NOPP	1
Number of Location Records		NOLO	
Number of Location Records	4.118	NOLR	
Number of Locations Reported	10.519	STLN	
Number of Locations for Delivery	4.340	LOCD	
Number of Messages in Batch	4.116	NOLI	
Number of Messages in Transmission	1.120	NMST	
Number of Order Units	5.170	QUTF	1
Number of Order Units Produced	5.194	QPRO	1
Number of Periods in a Base Cycle	10.522	RTRS	5
Number of Product Lines Picked for	4.270	NOPP	
Number of Product References	4.114	NOPR	
Number of Products Reported	10.518	STPT	
Number of Report Segments per Row	10.522	RTRS	3
Number of Segments in Message	1.110	NOSG	
Number of Text Segments	8.240	NOTX	
Number of Total Segments	.000	NCST	
Number of Total Segments	4.120	NSTL	
Number of Total Segments	4.120	NSTL	1
Number of Traded Units Adjusted	5.190	QADJ	1
Number of Traded Units Credited	5.180	QTYC	1
Number of Traded Units Expected	.000	XQTY	1
Number of Traded Units Held	5.185	SQTY	1
Number of Traded Units Invoiced	5.150	QTYI	1
Number of Traded Units Ordered	5.140	OQTY	1
Number of Traded Units Required	5.595	RQTY	1
Number of Traded Units Returned	5.175	QTYR	1
Number of Traded Units in Delivery	5.165	DELQ	1
Number of Traded Units in Uplift	5.167	UPLQ	1
Number of Traded Units Required	.000	AQTY	1
Number of Traded Units to be Picked	5.192	QTYP	1
Number of Units	.000	ADUN	1
Number of Units Outstanding	.000	ADUN	3
Number of Units Short/Over	.000	ADUN	4

Name	Cat.Ref.	Ident.	Sub-Element
Number of Units for Charge Type	.000	NUCT	
Numeric VAT Registration Number	3.080	VATN	1
Numeric VAT Registration Number	3.081	VATR	1
Official On Sale Date	.000	IRON	
Order Classification	5.020	CLAS	
Order Code	4.020	ORCD	
Order From	3.010	ORDF	
Order Group Number		OGNO	
Order Measure	5.120	UNOR	2
Order Number and Date	5.010	ORNO	
Order Office Address	3.160	OOAD	
Order Office Address Line 1	3.160	OOAD	1
Order Office Address Line 2	3.160	OOAD	2
Order Office Address Line 3	3.160	OOAD	3
Order Office Address Line 4	3.160	OOAD	4
Order Office EAN Location Number	3.155	OLOC	1
Order Office Location	3.155	OLOC	
Ordering Measure	5.670	MOQY	3
Ordering Multiple	5.670	MOQY	5
Ordering Quantity	5.670	MOQY	
Ordering Unit Cost	6.010	OUCT	
Ordering Value	5.675	MOVL	
Originator's Transaction Reference	.000	EFTS	2
Outstanding Balance	5.650	OUBA	
Outstanding Balance	5.650	OUBA	1
Overall Composition	11.011	COMP	1
Own Location Code	.000	ELOC	2
Pack/Bundle Size	.000	UNOM	1
Package Identification Number	.000	PKID	
Package Identification Number 1	.000	PKID	1
Package Identification Number 2	.000	PKID	2
Package Identification Number 3	.000	PKID	3
Package Narrative	.000	PNAR	
Package Narrative Line 1	.000	PNAR	1
Package Narrative Line 2	.000	PNAR	2

Name	Cat.Ref.	Ident.	Sub-Element
Package Narrative Line 3	.000	PNAR	3
Package Narrative Line 4	.000	PNAR	4
Packages per Unit		PITM	
Packing Instructions	.000	PACI	
Packing Instructions Line 1	.000	PACI	1
Packing Instructions Line 2	.000	PACI	2
Packing Instructions Line 3	.000	PACI	3
Packing Instructions Line 4	.000	PACI	4
Parent Location		PARL	
Part Price including VAT	.000	IRVT	
Part or Full Advice	.000	PORF	
Payable Sub-Total (before sett disc	7.070	APSE	
Payable Sub-Total Amount (after s/d	7.080	APSI	
Payment Amount	.000	PPAM	
Payment Amount	.000	PPAM	1
Payment Date	.000	PADT	
Payment Date	5.630	PAYD	1
Payment Date and Terms	5.630	PAYD	
Payment Method	4.500	PAYM	
Payment To	3.018	PMNT	
Percentage Qualifying for Zero Rate	.000	PNDP	
Period End Date	10.521	REFP	3
Period Reference	10.521	REFP	
Picking Sheet Reference Number	5.430	PREF	
Post Code	3.175	IADD	5
Post Code	3.160	OOAD	5
Premises Reference of Previous Bill	.000	VDAA	5
Present Read Date	.000	PRDT	
Present Reading	.000	PRRD	1
Previous Bill Date	.000	PBID	
Previous Lot Number	.000	LOTP	
Previous Read Date	.000	PVDT	
Previous Reading	.000	PRRD	3
Previous Shade Reference	.000	SHAD	5
Price Applicability Dates	5.674	PAPD	

Name	Cat.Ref.	Ident.	Sub-Element
Price List Number	5.660	PLND	
Price Scale Description	6.160	GRPR	2
Price per Unit	.000	CPPU	
Primary Account Details	.000	PANN	
Primary Location		PLOC	
Primary Reference	6.300	PRRF	
Primary Reference	6.300	PRRF	2
Primary Trading Hours		PTHR	
Print/Screen Number	.000	DESN	3
Processing Date	.000	DATP	
Product	.000	ORDP	
Product Group Number	5.565	PGPN	
Product Group Sequence Number	5.570	PGSN	
Product Profile	.000	PRPF	
Product Range Attributes		PROD	
Product Range Code		PROD	1
Product Status	4.426	PRST	
Product Weight		WGHT	
Promotional Code	.000	IPPC	
Promotional Reference	.000	IPPR	
Promotional Text	.000	IPPT	
Proof of Delivery Details	5.050	PODN	
Proof of Delivery Number	5.050	PODN	1
Proof of Uplift Details	5.580	POUN	
Proof of Uplift Number	5.580	POUN	1
Proprietor		PROP	
Publisher's Issue Reference	.000	IDPI	
Publisher's Recall Date	.000	IRER	
Publisher's Title Reference	.000	IDPM	
Publisher's ID for House	.000	IPAC	
Purchase Count	.000	PVTP	2
Purchase Value	.000	PVTP	1
Quantity Adjusted	5.190	QADJ	
Quantity Credited	5.180	QTYC	
Quantity Data	.000	QPER	

Name	Cat.Ref.	Ident.	Sub-Element
Quantity Expected	.000	XQTY	
Quantity Graduations	5.677	DQGD	
Quantity Graduations	.000	PQGD	
Quantity Held	5.185	SQTY	
Quantity Invoiced	5.150	QTYI	
Quantity Ordered	5.140	OQTY	
Quantity Produced	5.194	QPRO	
Quantity Required	5.595	RQTY	
Quantity Returned	5.175	QTYR	
Quantity To Follow or Cancelled	5.170	QUTF	
Quantity to be Picked	5.192	QTYP	
Reading Data	.000	PRRD	
Reading Period	.000	NDRP	
Reason Code		REAS	
Reason for Adjustment	4.019	RADJ	
Reason for Credit	4.015	CRRE	
Reason for Lower/Zero VAT Rate		RFLV	
Reason for Rejection		RCOD	
Reason for Return	.000	RFRT	
Reason for Return Line 1	.000	RFRT	1
Reason for Return Line 2	.000	RFRT	2
Reason for Variance	4.390	DUAC	1
Receipt Number	.000	EFTS	1
Recipient's EAN Location Number	3.130	REID	1
Recipient's Identification for the Location		PARL	3
Recipient's Identification of the Location		PLOC	3
Recipient's Identity	3.130	REID	
Recipient's Own Identity Code	3.130	REID	2
Recipient's Transmission Reference	1.060	RCRF	
Refund Count	.000	RVTP	2
Refund Value	.000	RVTP	1
Regional Availability	9.110	REGA	
Registered Text	9.130	RTEX	
Rejection Code		RCOD	1
Rejection Comment		RCOD	2

Name	Cat.Ref.	Ident.	Sub-Element
Related Message Indicator	6.300	PRRF	1
Rental Period	10.502	REPE	
Repeat Supply File Total	10.005	RPFT	
Repeat Supply Quantity	10.075	RPSQ	
Repeat Supply Total	10.120	RPST	
Repeat of Original Content	9.200	AEXC	2
Report Function Indicator	10.506	REPU	
Report Period Base	10.522	RTRS	2
Report Period End Date	5.094	RPED	
Report Period Number	10.521	REFP	2
Report Period Start Date	5.092	RPSD	
Report Time Rules	10.522	RTRS	
Report Type	10.505	REPT	
Reporting Group	5.673	SRPR	1
Reporting Sequence	5.673	SRPR	2
Requested Date for Home Delivery		RDHD	
Requested Time for Home Delivery		RTHD	
Required Arrival Time	5.075	RATM	
Required Delivery Date	5.590	RDAT	
Retailer Batch Control Details	.000	REPN	
Retailer Reference	.000	EFTS	
Return Lot Type	.000	RETL	
Returnable Storage Medium Indicator	.000	RSTI	
Return Address		RADD	
Return Address Line 1		RADD	1
Return Address Line 2		RADD	2
Return Address Line 3		RADD	3
Return Address Line 4		RADD	4
Return Address Post Code		RADD	5
Returns Method	10.000	ICRM	
STX Receiver Reconciliation Field	.000	RSGB	
STX SNRF Reconciliation Field	.000	RSGA	
Sales or Return Allowance (copies)	10.000	IPAQ	
Sample Reference	.000	SAMP	
Season End Date		SEAE	

Name	Cat.Ref.	Ident.	Sub-Element
Season Start Date		SEAS	
Second Attribute Code Table		LATT	3
Second Class Code/Value		RCAT	3
Second Level Sequence Number	4.142	SEQB	
Second Registered Application Code	9.130	RTEX	3
Secondary Reference Number	.000	SREF	
Selling Price		CUDA	1
Selling Price	6.140	SPRI	
Selling on price	6.141	MSPR	
Sender's EAN Location Number	3.140	SEID	1
Sender's Identity	3.140	SEID	
Sender's Own Identity Code	3.140	SEID	2
Sender's Own Location Number		PLOC	2
Sender's Own Location Number for Parent Location		PARL	2
Sender's Transmission Reference	1.050	SNRF	
Serial Shipping Container Code	.000	SESH	
Service Classification	.000	BSCC	
Service Code	4.505	SVID	1
Service Identity	4.505	SVID	
Settlement Code	.000	PAYY	3
Settlement Discount Percentage	5.630	PAYD	2
Settlement Discount Percentage	.000	PAYY	2
Settlement Discount Totals	6.260	SETC	
Settlement Terms	.000	PAYY	
Shade Classification	.000	SHAD	4
Shade Description	.000	SHAD	2
Shade Number	.000	SHAD	1
Shade Reference	.000	SHAD	3
Shade References	.000	SHAD	
Short Title (Publisher)	.000	IDST	
Size Details	.000	SIZE	
Size Measurement 1	.000	SIZE	2
Size Measurement 2	.000	SIZE	3
Size of Product	.000	SIZE	1
Snapshot Category Code	4.300	SSCC	

Name	Cat.Ref.	Ident.	Sub-Element
Snapshot Reference Number	5.500	SSRN	
Specialist Data 1		SPEC	2
Specialist Data 2		SPEC	3
Specialist Information		SPEC	
Specialist Information Length		SPEC	1
Special Price Indicator	4.040	PIND	
Specification Number	5.550	SCRF	1
Specification/Contract References	5.550	SCRF	
Split Box Price	6.683	SBPR	
Split Delivery Indicator	4.425	SDIN	
Split Pack Price	6.141	MSPR	4
Standard Price	6.684	STPR	
Start Customer's Location Identity	3.028	CLOS	
Start Date	5.676	DAPD	1
Start Date	5.116	DARA	1
Start Date		DATT	2
Start Date	.000	PANN	3
Start Date	5.674	PAPD	1
Start Date	.000	SUMO	1
Start Date		TRDD	2
Starting Price	6.683	SBPR	1
Starting Price	6.684	STPR	1
Start of Range		PROD	2
Start Time		LUHR	1
Start Time		TIME	2
Statement Location	3.026	SLOC	
Statement Remittance Amount Payable	6.220	SRAP	
Statement To	3.014	STAT	
Statement/Remittance Discount Total	6.250	SDCD	
Statement/Remittance Document Total	6.230	SRDT	
Statement/Remittance Line Code	4.035	LINE	
Statement/Remittance Line Count	4.108	SRLC	
Statement/Remittance VAT Totals	6.240	SRVT	
Statutory Retail Selling Price	6.150	SRSP	
Stock Adjustment Date	5.425	SAJD	

Name	Cat.Ref.	Ident.	Sub-Element
Stock Adjustment Reference Number	5.420	SAJN	
Stock Lines in this Adjustment	4.250	SLAJ	
Stock Lines in this Snapshot	4.240	SLSN	
Stock Status Code	4.220	SSTC	
Storage Information	9.100	STOI	
Storage Medium Code	.000	SMCO	
Structure Code		STRC	
Style Code/Quality Prefix	11.020	STYL	
Sub-address Code		MSAD	1
Sub-address Line 1		MSAD	2
Sub Post Office Indicator		SUPO	
Sub-Total of Credited Measure	8.200	WTCV	
Sub-Total Quantity	8.150	QTYG	
Sub-Total Settlement Disc. Amount	7.050	SEDA	
Sub-Total Subsidy	7.055	SSUB	
Sub-Total of Invoiced Measure	8.160	WTVG	
Subsidy Amount	7.015	SUBA	
Substitution Indicator	4.420	DIND	1
Summary Period	10.521	REFP	1
Supplementary Code	.000	IBCS	
Supplier Code	.000	CCDE	3
Supplier's Address	3.062	SADD	
Supplier's Address Line 1	3.062	SADD	1
Supplier's Address Line 2	3.062	SADD	2
Supplier's Address Line 3	3.062	SADD	3
Supplier's Address Line 4	3.062	SADD	4
Supplier's Code for Group		CUSL	3
Supplier's Code for Replaced Item	3.100	CORI	2
Supplier's Code for Retail Outlet	.000	REPN	4
Supplier's Code for Unit Contained	3.110	UCON	2
Supplier's Code for the Traded Unit	3.070	SPRO	2
Supplier's Code for the Traded Unit	3.076	SPRS	2
Supplier's Credit Claim Number		SURF	
Supplier's Despatch EAN Location No	3.150	DLOC	1
Supplier's EAN Location Number	3.050	SIDN	1

Name	Cat.Ref.	Ident.	Sub-Element
Supplier's EAN for Designated C.U.	3.090	SACU	
Supplier's EAN for Substituted C.U.	3.096	SACS	
Supplier's ID Allocated by Customer	3.050	SIDN	2
Supplier's ID	.000	ELOC	3
Supplier's ID of Customer's Locn.	3.000	CLOC	3
Supplier's Identification of Locn.	3.029	CLOE	3
Supplier's Identification of Locatn	3.028	CLOS	3
Supplier's Identity	3.050	SIDN	
Supplier's Instruction Number	5.610	INRF	2
Supplier's Name	3.060	SNAM	
Supplier's Name	3.060	SNAM	1
Supplier's Network Identity Code	3.200	SNIC	
Supplier's Order Number	5.010	ORNO	2
Supplier's Own Location Code	3.150	DLOC	2
Supplier's Own Location Code	3.152	TLOC	2
Supplier's Post Code	3.062	SADD	5
Supplier's Processing Date		SUPD	
Supplier's Product Number	3.070	SPRO	
Supplier's Reference		REFF	1
Supplier's Region Code	3.201	REGS	
Supplier's Substituted Product No.	3.076	SPRS	
Supplier's VAT Registration Number	3.080	VATN	
Suppliers Price List	5.660	PLND	1
Suppliers Reporting Reference	5.673	SRPR	
Supply Period	.000	SUMO	
Surcharge Amount	7.010	SURA	
Surname		MAMN	3
Surname		MANA	3
Surname		PROP	3
Syntax Rules Identifier	1.010	STDS	
TOS Supply File Total	10.010	TSFT	
TOS Supply Quantity	10.080	TSSQ	
TOS Supply Total	10.125	TSST	
Tare Weight	.000	ADWT	2
Tariff Code	.000	TCOD	

Name	Cat.Ref.	Ident.	Sub-Element
Tariff Code Modifier	.000	TMOD	
Tariff Code Modifier 1	.000	TMOD	1
Tariff Code Modifier 2	.000	TMOD	2
Tariff Code Modifier 3	.000	TMOD	3
Tariff Code Modifier 4	.000	TMOD	4
Tax-point Date	5.110	TXDT	
Temporarily Not Available Code	3.094	TNAC	
Terms of Payment	9.050	PAYT	
Text	9.120	TEXT	
Third Attribute Code Table		LATT	5
Third Class Code/Value		RCAT	4
Third Level Sequence Number	4.143	SEQC	
Third Registered Application Code	9.130	RTEX	5
Time Attributes		TIME	
Time Closed		PTHR	2
Time of Message	5.310	MEDT	2
Time of Transmission	1.040	TRDT	2
Time Open		PTHR	1
Title		MAMN	1
Title		MANA	1
Title		PROP	1
Title of Person	3.120	METO	2
To	5.678	DVGD	2
To	6.685	PVGD	2
To Follow Acceptability	3.016	TFAC	
To Follow Indicator	4.050	TFIN	
Tolerance Quantity for Shade	.000	TSHD	5
Tolerance Weight for Shade	.000	TSHD	6
Total Amount (after settlement disc	8.050	ASDT	
Total Balance Uncoloured	.000	TDYE	4
Total Bill Amount Payable	.000	TBTL	
Total Bill Amount Payable	.000	TBTL	1
Total CAKDET Messages		TCAK	
Total Charge Before VAT	.000	UVLA	1
Total Charge Before VAT	.000	UVLT	1

Name	Cat.Ref.	Ident.	Sub-Element
Total Charge for Charge Type	.000	CTOT	
Total Charge for Charge Type	.000	CTOT	1
Total Charge for Premises before VAT	.000	UVLT	
Total Charge for VAT Cat inc VAT	.000	UCSI	
Total Charge for VAT Cat before VAT	.000	UVLA	
Total Charge including VAT	.000	UCSI	1
Total CLO Lines		TCLO	
Total Closing Stock	8.250	TCSK	
Total Copies Claimed		TCCL	
Total Copies Claimed		TCPC	
Total Copies Claimed		TTCL	
Total Copies Rejected		TCRJ	
Total Copies Rejected		TREJ	
Total Delivery Quantity	8.195	TODQ	
Total Disc Reclaimed for Credit Qty	6.086	QYCT	
Total Disc Reclaimed for Credit Val	6.096	VLCT	
Total Discount Amount for Invc. Qty	6.080	QYDT	
Total Discount Amount for Invc. Val	6.090	VLDT	
Total Extended Amount (before sd)	8.030	EVLN	
Total Financial Units	.000	QPER	4
Total Goods Weight	5.135	DEWT	2
Total Goods Weight	5.640	UPWT	2
Total Measure	5.170	QUTF	2
Total Measure	.000	UGST	1
Total Measure	5.230	UGWT	1
Total Measure	.000	UHST	1
Total Measure	5.260	UHYT	1
Total Measure	.000	ULST	1
Total Measure	5.240	ULTH	1
Total Measure	5.270	UVOL	1
Total Measure	.000	UVST	1
Total Measure	5.250	UWDT	1
Total Measure	.000	UWST	1
Total Measure Adjusted	5.190	QADJ	2
Total Measure Advised	.000	AQTY	2

Name	Cat.Ref.	Ident.	Sub-Element
Total Measure Credited	5.180	QTYC	2
Total Measure Expected	.000	XQTY	2
Total Measure From	5.677	DQGD	2
Total Measure Held	5.185	SQTY	2
Total Measure Invoiced	5.150	QTYI	2
Total Measure Ordered	5.140	OQTY	2
Total Measure Produced this period	5.194	QPRO	2
Total Measure Required	5.595	RQTY	2
Total Measure Returned	5.175	QTYR	2
Total Measure To	5.677	DQGD	5
Total Measure To	.000	PQGD	5
Total Measure of Closing Stock	5.410	CLSK	2
Total Measure of Delivery	5.165	DELQ	2
Total Measure to be Picked	5.192	QTYP	2
Total Net Length Ordered	.000	TDYE	3
Total Net Length Ordered for Shade	.000	TSHD	4
Total Net Value	.000	TVTP	1
Total Net Weight Ordered	.000	TDYE	2
Total Net Weight Ordered for Shade	.000	TSHD	3
Total No. of Claims Lines		TLCL	
Total No. of Item Lines/Claims	.000	TCMS	
Total Number of Claims References for House		TCRC	
Total Number of Issues	.000	ISTO	
Total Number of Order Units	8.090	QTYT	
Total Number of Rejected Messages	.000	REJJ	
Total Number of Rejection Lines		RDTL	
Total Payable (after sett discount)	8.080	TPSI	
Total Payable (before sett discount)	8.070	TPSE	
Total Purchase	.000	PVTP	
Total Quantity Acknowledged	8.290	QACK	
Total Quantity Adjusted	8.270	TQAJ	
Total Quantity Ordered	8.180	QORD	
Total Quantity Produced	8.260	TOQP	
Total Quantity Returned	8.185	TQRT	
Total Quantity in Snapshot	8.280	QSNP	

Name	Cat.Ref.	Ident.	Sub-Element
Total Refund	.000	RVTP	
Total Settlement Discount Amount	8.040	SEDT	
Total Subsidy Amount	8.215	TSUB	
Total Surcharge Amount	8.020	SURT	
Total Traded Units	.000	QPER	1
Total Units Ordered	.000	TDYE	1
Total Uplift Measure	5.167	UPLQ	2
Total Uplift Quantity	8.197	QUPL	
Total VAT Amount Payable	8.060	TVAT	
Total Value of Credit Advice Msgs	8.325	TVLC	
Total Value of Debit Advice Msgs	8.335	TVLD	
Total Value of EFT Messages	.000	TVLE	
Total Value of Payment Messages	8.315	TVLP	
Total Variable Units	.000	QPER	2
Total of Credited Measure	8.210	WTCT	
Total of Details Lines	8.220	TOTL	
Total of File Value	8.230	TOTV	
Total of Payment Details	.000	PTOT	
Total of Payment Details	.000	PTOT	1
Total Units Ordered for Shade	.000	TSHD	1
Totals for Shade Order	.000	TSHD	
Totals of Dye Order	.000	TDYE	
Trade Claim Quantity	10.090	TCMQ	
Trade Claims File Total	10.020	TCFT	
Trade Claims Total	10.135	TCMT	
Traded Unit Description	9.030	TDES	
Traded Unit Description Line 1	9.030	TDES	1
Traded Unit Description Line 2	9.030	TDES	2
Traded Unit Quantity per Layer	5.210	ULAY	
Traded Unit Quantity per Storage Md	5.200	UPAL	
Traded Units From	5.677	DQGD	1
Traded Units From	.000	PQGD	1
Traded Units To	5.677	DQGD	4
Traded Units To	.000	PQGD	4
Trading Day	.000	TDAY	

Name	Cat.Ref.	Ident.	Sub-Element
Trading Day		TRAT	
Trading Day		TRDD	1
Trading End Date		TRDE	
Trading Partner's Own Code	4.015	CRRE	2
Trading Start Date		TRDS	
Trading Times		TRDD	
Transaction Amount	.000	AMPA	1
Transaction Code	4.010	TCDE	
Transaction Count	.000	TVTP	2
Transaction Date	.000	TDAT	
Transaction Date	.000	TDAT	1
Transaction Planning Status	4.415	TPST	
Transaction Source	.000	TSCR	
Transaction Time	.000	TDAT	2
Transaction Type	9.010	TTYP	
Transfer Date		TRND	
Transmission Priority Code	1.080	PRCD	
Transshipment Location	3.152	TLOC	
Type	.000	OTYP	
Type	.000	PRRD	2
Type	.000	PRRD	4
Type	1.100	TYPE	1
Type of Change	9.070	TYPC	
Type of Change	9.070	TYPC	1
Type of Message	1.100	TYPE	
Type of Outlet Code	3.008	OUTY	
Type of Package	.000	PACK	
Type of Package Number 1	.000	PACK	1
Type of Package Number 2	.000	PACK	2
Type of Package Number 3	.000	PACK	3
Type of Packaging	9.090	TPKG	
Type of Product or Sub Product	.000	PTYD	
Type of Retailer		TYRE	
Type of Service		CSOR	1
Unit Cost Price exc VAT before disc	6.040	BUCT	

Name	Cat.Ref.	Ident.	Sub-Element
Unit Credit Value (before VAT)	6.026	UCRV	
Unit Credit Value before Disc & VAT	.000	UCRB	
Unit of Length	.000	UNOM	2
Unit of Measure	.000	CLVM	2
Unit of Measure	.000	CONA	2
Unit of Measure	.000	CONB	2
Unit of Measure	.000	CONS	2
Unit of Measure	.000	NUCT	2
Unit of Measure	.000	UGST	2
Unit of Measure	5.230	UGWT	2
Unit of Measure	.000	UHST	2
Unit of Measure	5.260	UHYT	2
Unit of Measure	.000	ULST	2
Unit of Measure	5.240	ULTH	2
Unit of Measure	5.270	UVOL	2
Unit of Measure	.000	UVST	2
Unit of Measure	5.250	UWDT	2
Unit of Measure	.000	UWST	2
Unit of Ordering	5.120	UNOR	
Unit of Sales Configuration		UOSC	
Unit of Weight	.000	UNOM	3
Units Billed	.000	NUCT	1
Units Consumed	.000	CONA	1
Units Consumed	.000	CONB	1
Units Consumed	.000	CONS	1
Units of Measure	.000	UNOM	
Unofficial on Sale Date	.000	IRUO	
Update Type	.000	UDAT	
Uplift Condition	4.225	UPLC	
Uplift Instruction Narrative	9.025	UINS	
Uplift Instruction Narrative Line 1	9.025	UINS	1
Uplift Instruction Narrative Line 2	9.025	UINS	2
Uplift Instruction Narrative Line 3	9.025	UINS	3
Uplift Instruction Narrative Line 4	9.025	UINS	4
Uplift Note Details	5.038	UPLN	

Name	Cat.Ref.	Ident.	Sub-Element
Uplift Note Number	5.038	UPLN	1
Uplift Quantity	5.167	UPLQ	
Uplift Volume	5.645	UPVL	
Uplift Weights	5.640	UPWT	
User Code	4.505	SVID	2
Utility Classification Code	.000	CODE	
VAT - Type of Supply	4.025	TSUP	
VAT Amount Payable	.000	UVTT	
VAT Amount Payable	.000	UVTT	1
VAT Amount Payable	7.020	VATA	
VAT Declaration Code	.000	VDAA	1
VAT Declaration for Amended Account	.000	VDAA	
VAT Rate Category Code	4.030	VATC	
VAT Rate Percentage	6.110	VATP	
VAT Total Amount on Bill Withdrawn	.000	VDAA	3
Value		LVAL	2
Value Graduation	6.685	PVGD	
Value/Measurement Code		LVAL	1
Van Over File Total	10.035	VNFT	
Van Over Quantity	10.105	VNOQ	
Van Over Total	10.150	VNOT	
Variable Measure Indicator	5.275	VRMI	
Variant Details	4.410	VRDT	
Variant Price	6.170	VAPR	
Variant Price After Discount	6.170	VAPR	2
Variant Price Before Discount	6.170	VAPR	1
Variant Type Code	4.405	VTCO	
Vehicle Tare Weight	5.135	DEWT	1
Vehicle Tare Weight	5.640	UPWT	1
Version	1.010	STDS	2
Version Number	1.100	TYPE	2
Volume of Storage Medium	.000	UVST	
Volume of Unit	5.270	UVOL	
Warp	11.011	COMP	2
Weft	11.011	COMP	3

Name	Cat.Ref.	Ident.	Sub-Element
Weight Indicator		WGTH	2
Weight Outstanding	.000	ADWT	4
Weight Short/Over	.000	ADWT	5
Wholesaler's ID for House	.000	IWAC	
Width of Storage Medium	.000	UWST	
Width of Unit	5.250	UWDT	
Working Days	5.672	DLED	1
Yarn Agent	11.003	YAGT	
Yarn Count	11.012	YNCT	
Yarn Supplier	11.002	YSUP	
Year Number	10.060	YRNO	
Year of Publication	.000	IDYP	

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SECTION C - THE SEGMENT DIRECTORY

1. INTRODUCTION

This lists all segments (with the exception of the Standard Segments - STX, END, MHD and MTR) in alphabetical sequence of their three letter abbreviated identifiers. It shows the standard messages in which they are used. (See Annex A of this volume for more details on the Data Narrative Segments DNA, DNB, DNC and RNB).

Those marked * are used in industry-specific messages only.

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
ACD	Audit Control Details	INVFIL
ACO*	Additional Contacts	DYEINS
ADJ	Additional Adjustment	UTLBIL
ADT	Adjustment File Totals	SADTLR
ADV*	Advice References	DYEINS
AFT	Availability File Trailer	AVLTLR
AGD	Advice of Goods Despatched	ACKMNT
ALD	Acknowledgement Line Details	ACKMNT
AOR	Acknowledgement References	ACKMNT
APD	Amount Payable	CRAINF, PAYINF, DRAIN
AQD	Expected Delivery Details	ACKMNT
ARF	Availability Report Reference	AVLDET
ATR	Availability Trailer	AVLDET
AUT	Authentication Result	CRAINF, PAYINF, DRAIN, EXCINF
AVD	Availability Line Details	AVLDET
AVL*	Availability	PVUINF
BBL*	Bibliographic Elements (2)	PVUINF
BCD	Bill Control Data	UTLBIL
BDS*	Book Dimensions	PVUINF
BDT	Bank Details	CRAHDR, PAYHDR, EXCHDR, DRAHDR
BIB*	Bibliographic Elements (1)	BTOERS
BTL	Bill Trailer	UTLBIL
CBK	Customer's Bank Details	CRAINF, PAYINF, DRAIN, EFTHDR
CCD	Consumption/Charge Details	UTLBIL
CCN*	Customer Name	RDADET
CDA	Contract Data	UTLBIL
CDT	Customer Details	PROHDR, PRIHDR, CUSHDR, ORDHDR, PICHDR, DELHDR, DLCHDR, INVFIL, CREHDR, SRMHDR, UPLHDR, UCNHDR, SNPHDR, SADHDR, AVLHDR, CORHDR, ACKHDR, PPRHDR, PAYHDR, DRAHDR, CRAINF, EXCHDR, LPRHDR, UTLHDR, HOTHDR, EFTHDR, INTHDR
CFS*	Claims File Summary	CLASMY
CFT	Customer Information File Totals	CUSTLR
CGL*	Retail Group Code	RDADET
CIA	Complex Invoice Line Adjustments	INVOIC
CLD	Credit Note Line Details	CREDIT
CLO	Customer's Location	CUSINF, ORDERS, INVOIC, CREDIT, DELIVR, CORDER, SADDET, UPLIFT, UCNDT, SNPSTS, DLCDET, ACKMNT, UTLBIL
CLP	Customer Location References	PRIINF

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
CLR	Customer's Location References	PRIINF
CLT*	Claims Total Sub Trailer	CLAIMS
CMD*	Claims Line Detail	CLAIMS
CMR*	Claims Reference	CLAIMS
COD	Complex Order Line Details	CORDER
COT	Confirmation File Totals	UCNTRL, DLCTLR
CPT	Communicating Partners	GENHDR
CRC*	Claims Reference Confirmation	CAKDET
CRF	Credit Note References	CREDIT
CRT*	Claims Reference Trailer	CAKDET
CST	VAT Rate Credit Sub Trailer	CREDIT
CTL*	Claims Acknowledgement File Trailer	CAKTLR
CTR	Credit Trailer	CREDIT
CUD*	Customer Description	RDADET
DCD	Delivery Confirmation Details	DLCDET
DCT	Delivery Confirmation Trailer	DLCDET
DEF	Deferred Charges	UTLBIL
DEL	Delivery References	DELIVR
DFT	Delivery File Totals	DELTLR
DIN	Delivery Instructions	ORDERS, PICKER, CORDER
DLD	Delivery Line Details	DELIVR
DLS	Delivery Line Supplementary Data	DELIVR
DNA	Data Narrative	PROHDR, PRIHDR, CUSHDR, CUSINF, ORDHDR, ORDERS, PICHDR, PICKER, DELHDR, DELIVR, DLCHDR, DLCDET, INVFIL, INVOIC, CREHDR, CREDIT, SRMHDR, UPLHDR, UPLIFT, UCNHDR, UCNDT, SNPHDR, SNPSTS, SADHDR, SADDT, AVLHDR, AVLDET, CORHDR, CORDER, ACKHDR, ACKMNT, PPRHDR, LPRHDR, UTLBIL
DNB	Data Narrative	ORDERS, DLCDET, CREDIT, SRMINF, UCNDT, SADDT, AVLDET, CORDER, ACKMNT, INTDET
DNC	Data Narrative	PROINF, PRIINF, PICKER, DELIVR, INVOIC, UPLIFT, SNPSTS, CORDER, EFTDET
DNS	Delivery Note Supplementary Data	DELIVR
DOC	Message Rejected	INTDET
DSC	Discount Data Header	PRIINF
DSD	Discount Data Details	PRIINF
DST	Delivery Status	DLCDET
DTA*	Outlet Specific Details	SORDET
DTR	Delivery Trailer	DELIVR
EXC	Exception Condition(s)	EXCINF
FCT*	File Claims Total	CLATLR

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
FDT	File Period Dates	INVFIL, DELHDR, DLCHDR, UPLHDR, UCNHDR, UTLHDR
FIL	File Details	ALL HEADER MESSAGES
FTR*	Totals of Accepted/Rejected Claims	CAKTLR
GFT	General Communications File Totals	GENTLR
HCT*	House Claims Trailer	CLAIMS
HFT	Hot Card File Totals	HOTDET
HRT*	House Trailer	CAKDET
HSL*	Homeshopping Line Information	HSODET
HSO*	Homeshopping Order Information	HSODET
IAC	Interchange Acknowledgement	INTDET
ILD	Invoice Line Details	INVOIC
ILO*	Invoice Location	DYEINS
INS*	Instruction References	DYEINS
INT	Invoice To	CUSINF
IPD*	Issue Price Details	ISSDET
IPE*	Issue VAT Details	ISSDET
IPR*	Issue Period Details	ISSUES
IRF	Invoice References	INVOIC
ISC*	Issue Claims Period	ISSDET
ISD*	Issue/Publication Details	ISSDET
ISP*	Issue Promotional Details Per House	ISSDET
ISR*	Issue Retail Sales Details	ISSDET
IST*	Total No. of Issues	ISSTOT
ITD	Invoice to Details	CORDER
ITO*	Instruction File Totals	DYETLR
ITR*	Instruction Trailer	DYEINS
KFT	Acknowledgement File Totals	ACKTLR
KTR	Acknowledgement Trailer	ACKMNT
LDE	Location Details	LOCINF
LDT*	Customer Location Details	RDBDET
LFT	Location Planning Report File Totals	LPRTL
LLD*	Lot and Shade Line	DYEINS
LMI	Miscellaneous Information	CUSINF
LOC*	Customer Group Location	RDBDET
LOT	Location Information File Totals	LOCTL
LSD*	Lot and Shade Details	DYEINS
LTY	Location Type	CUSINF
MED	Message Details	GENRAL
MLT*	Multi-volume/Part (2)	PVUINF
MOD	Charge Modifiers	UTLBIL
MUL*	Multi-volume/Part (1)	BTOERS
NAM	Location Name and Address	CUSINF
NBG	Retailer Batch Control	EFTDET
NHD	Data Record	HOTDET
NIN	Nature of Information	LOCINF
NOH	Nature of Hot Card	HOTDET
NOI	Nature of Information	CUSINF, PROINF, PRIINF
NTP	Transaction Details	EFTDET
ODD	Order and Delivery References	INVOIC, DLCDET

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
OFT	Order File Totals	ORDTLR, CORTLR
OIR	Original Invoice References	CREDIT
OLD	Order Line Details	ORDERS
OOL	Order Office Location	CORDER
ORD	Order References	ORDERS, PICKER, CORDER
ORF	Order References - Deliveries	DELIVR
OTR	Order Trailer	ORDERS, CORDER
PAT	Planned Availability Trailer	AVLDET
PBL*	Publisher/Distributor (2)	PVUINF
PDN	Product Details	PPRDET
PDS	Product Details	LPRDET, PVUINF*
PDT	Product File Totals	PROTLR
PFT	Picking File Totals	PICTRL
PIC	Picking Instructions	PICKER
PID	Pallet Identity	DELIVR
PLD	Picking Line Details	PICKER
PLO	Outlet Details	PPRDET
PLR	Price List References	PRIHDR, PVUHDR*
PPT	Product Planning Report File Totals	PPRTL
PRD	Product Description	PROINF, PRIINF
PRI	Price Data Header	PRIINF
PRL	Primary Location	LOCINF
PRN	Product References	PROINF, PRIINF
PRP	Price Data Details	PRIINF
PRT	Price File Totals	PRITLR
PRU	Product Dimension	PROINF
PRV	Payment Received	UTLBIL
PTR	Picking Trailer	PICKER
PUB*	Publisher/Distributor (1)	BTOERS
PVD	Product Variant Details	CORDER
PVT*	Price/Availability File Totals	PVUTLR
PYC	Payment Details	SRMINF
PYD	Payment Details	CRAINF, PAYINF, DRAINF, EXCINF
PYT	Settlement Terms	INVOIC, CREDIT, UTLBIL
QLT*	Quality Details	DYEINS
RCD	Returns Confirmation Details	DLCDET, UCNDT
RCN*	Customer Contact	RDBDET
RDA*	Dates	RDBDET
RDE*	Customer Description	RDBDET
RDQ	Required Delivery Dates	CORDER
RDT*	Rejection Details	CAKDET
REF	Account Reference Number	UTLHDR
REJ	Number of Rejected Messages	INTDET
RET*	Retail Location Totals	RDATLR, RDBTLR
RFD	Report References Data	PPRDET, LPRDET
RML*	Multiple Chain	RDBDET
RNB	Data Narrative	DLCDET, UCNDT
RPR*	Retail Price	PVUINF
RSN*	Claim Reject Reason	CAKDET

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
RST	Statement/Remittance File Totals	SRMTLR
RTH*	Retail Trading Hours	RDBDET
SAD	Stock Adjustment Details	SADDET
SAR	Stock Adjustment Reference	SADDET
SAT	Stock Adjustment Trailer	SADDET
SBK	Supplier's Bank Details	CRAINF, PAYINF, DRAINF
SDT	Supplier Details	PROHDR, PRIHDR, CUSHDR, ORDHDR, PICHDR, DELHDR, DLCHDR, INVFIL, CREHDR, SRMHDR, UPLHDR, UCNHDR, SNPHDR, SADHDR, AVLHDR, CORHDR, ACKHDR, PPRHDR, PAYINF, PRAINF, CRAHDR, EXCINF, LPRHDR, UTLHDR, HOTHDR, EFTHDR, INTHDR PPRDET, LPRDET
SFC	Time Base Control Totals	PPRDET, LPRDET
SFL	Planning Report Trailer	PPRDET, LPRDET
SFP	Planning Report Data	PPRDET, LPRDET
SFR	Planning Report Rules	PPRDET, LPRDET
SFS	Function Report Data	PPRDET, LPRDET
SFX	Functional Data Time Base Control	PPRDET, LPRDET
SLD	Stock Line Details	SNPSTS
SLO	Outlet Location Details	LPRDET
SNT	Snapshot File Totals	SNPTLR
SOR*	Sales & Returns File Totals	SORTLR
SPD	Standard Product Data	PRIINF
SPI*	Specific Product Identity or Date	SORDET
SRD	Statement/Remittance Line Details	SRMINF
SRF	Stock Reference	SNPSTS
SRT	Statement/Remittance Message Totals	SRMINF
SSR	Shapshot Reference	SNPSTS
SST	Shapshot Trailer	SNPSTS
STD	Storage Details	PROINF
STH*	Shop Trading Hours	RDADET
STL	VAT Rate Invoice Sub Trailer	INVOIC
STT	Statement To	CUSINF
TCM	Credit Advice Message File Totals	CRATLR
TDM	Debit Advice Message File Totals	DRATLR
TEM	Exception Condition Message File Totals	EXCTLR
THM	Hot Card Totals	HOTTLR
TIN	Number of Interchange Messages	INTTLR
TLR	Invoice Trailer	INVOIC
TOT	File Totals	INVTLR, CRETLR
TPM	Payment Message File Totals	PAYTLR
TRA	Transmission To	CUSINF
TRC*	Claims Trailer	CLAIMS
TRT	Transaction Totals	EFTTLR
TTL	Utility Bill File Totals	UTLTLR
TXT	Text	GENRAL

<u>Code</u>	<u>Description</u>	<u>Used in Message(s)</u>
TYP	Transaction Type Details	ALL HEADER MESSAGES EXCEPT GENHDR
UCD	Uplift Confirmation Details	UCNDET
UCT	Uplift Confirmation Trailer	UCNDET
UDD	Uplift References	UCNDET
UFT	Uplift File Totals	UPLTLR
ULD	Uplift Line Details	UPLIFT
UPL	Uplift Note References	UPLIFT
UPS	Uplift Note Supplementary Data	UPLIFT
URF	Uplift Instruction References	UPLIFT
UST	Uplift Status	UCNDET
UTR	Uplift Trailer	UPLIFT
VAT	Value Added Tax	UTLBIL
VRS	VAT Rate Summary	VATTLR
VTS	VAT Rate Summary	UVATLR

SECTION D

STANDARD CODE VALUES

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STANDARD CODE VALUES

1. INTRODUCTION

Much of the data which can be exchanged electronically in TRADACOMS standard messages is sent in coded form. This minimises the amount of data to be sent in each transmission and facilitates automatic processing.

The permissible code values are given in the following lists. Trading partners should set up the relevant code lists for the data elements they require in look-up tables on their computer systems.

If any user needs additional code values to be added to any of these lists they should apply in writing to the ANA.

2. CONTENTS

There is a Standard Code Values List for each data element or sub-element which can be sent in coded form. The lists are numbered as shown below:

List		Data Element/Sub-Element	
1	-	Transmission Priority Code	PRCD
2	-	Transaction Code	TCDE
3	-	Transaction Type	TTYP
4	-	Measure Indicator	Sub-element
5	-	Special Price Indicator	PIND
6	-	Order Classification	CLAS
7	-	Order Code	ORCD
8	-	To Follow Indicator	TFIN
9	-	Credit Line Indicator	CRLI
10	-	Item Group Identifier	IGPI
11	-	Cash Settlement Discount Identifier	CSDI
12	-	VAT Rate Category Code	VATC
13	-	Reason for Credit Code	CRRE
14	-	VAT Type of Supply Code	TSUP
15	-	Statement/Remittance Line Code	LINE
16	-	Application Reference Abbreviations	APRF
17	-	Reason for Variance Code	REVR
18	-	Stock Status Code	SSTC
19	-	Stock Snapshot Category Code	SSCC
20	-	Reason for Adjustment Code	RADJ
21	-	Delivery/Uplift Condition Codes	DELC/UPLC
22	-	Data Narrative Code	DNAC
23	-	Reserved Code List	DNAC
24	-	Registered Text Code	RTEX
25	-	Transaction Planning Status	TPST
26	-	Delivery/Uplift Action Details	DUAC
27	-	Report Period Base	RTRS
28	-	Location Activity Indicator	LOCA
29	-	Report Function Indicator	REPU
30	-	Storage Medium Code	SMCO
31	-	Currency Code	CUIN
32	-	Discount Type	DTYP
33	-	Reason for Rejection Code	RCOD
34	-	House Acknowledgements Code	ACDE
35	-	Authorisation Method	AUTT
36	-	Retailer Batch Control Details	REPN
37	-	Update Type	UDAT
38	-	Nature of Hot Card	NOHC
39	-	Transaction Source	TSCR
40	-	EFT Transaction Type	EFTT
41	-	Utility Classification Code	CODE
42	-	Bill Type Code	BTCD
43	-	Consumption/Charge Indicator	CCDE

44	-	Reading Data Type	PRRD
45	-	Action Code	ACTN
46	-	Reason Code	REAS
47	-	Function/Type Indicator	FUNC
48	-	Date Attribute Code	DATT
49	-	Frequency/Schedule	DATT
50	-	Time Attribute Code	TIME
51	-	Location Attribute Code	LATT
52	-	Value/Measurement Code	LVAL
53	-	Type of Chnage	TYPC

ANA Standard Code Values - List 1

TRANSMISSION PRIORITY CODE - PRCD

Appears in the Transmission Header Segment STX

A	=	Urgent
B	=	Normal
C	=	Low

ANA Standard Code Values - List 2

TRANSACTION CODE - TCDE

Appears in all file header messages, in segments TYP

Complete transmissions of the master files shown below (eg Product and Price Information Files) contain the full details of the database file, with type of change (TYPC) given as REPORT. Update transmissions will contain only parts of the master file, where details have changed since the last transmission. The type of change will be ADD, AMEND or DELETE.

PROHDR: First message of the Product Information File, File Format 1

- 0100 - Complete transmission of Product Information File with products chained together
- 0101 - Update transmission of Product Information File with products chained together
- 0102 - Complete transmission of Product Information File with products linked together in a hierarchy
- 0103 - Update transmission of Product Information File with products linked together in a hierarchy

PRIHDR: First message of the Price Information File, File Format 2

- 0150 - Complete transmission of Price Information File
- 0151 - Update transmission of Price Information File

CUSHDR: First message of the Customer Information File, File Format 3

- 0200 - Complete transmission of Customer Information File
- 0201 - Update transmission of Customer Information File

LOCHDR: First message of the Location Information File, File Format 24

- 0205 - Complete transmission of Location Information File
- 0206 - Update transmission of Location Information File

RDBHDR: First message of the Retailer Standing Database File, File Format 109

- 0210 - Complete transmission of Retailer Standing Database File
- 0206 - Update transmission of Retailer Standing Database File

RDHDR: First message of the Retailer Database Report File, File Format 110

- 0215 - Complete transmission of Retailer Database Report
- 0216 - Update transmission of Retailer Database Report

ORDHDR & CORHDR: First messages of the Order File (File Format 4) and the Complex Order File (File Format 17), respectively. Also used in the Book Trade Order (File Format 103) in message BTOHDR and the Homeshopping Order (File Format 105) in message HSOHDR.

- 0350 - Proposed Orders - planned orders which will subsequently be confirmed. Usually sent to help a supplier plan production.
- 0355 - Order for goods on approval/inspection - order for goods which may be returned after a period of inspection without being invoiced
- 0360 - Exceptions to Proposed Orders - changes to a previously sent proposed order, which could be made either by the customer or the supplier
- 0365 - Planning Orders - follow Proposed Orders and will subsequently be confirmed by the customer. Used to show all lines with details of quantities required and delivery locations. Intended to give a firm basis for the supplier to plan production and supplies.
- 0400 - Cancelled Orders - used to cancel outstanding orders. These may originate either from the customer, when their requirements have changed, or the supplier if they cannot meet the order
- 0405 - Confirmation of Cancelled Orders - confirms that outstanding orders have been cancelled within the sender's system
- 0410 - Export Order - order placed on UK supplier for delivery overseas
- 0420 - Standing Order - an order for regular supplies, valid over a long term
- 0430 - New Orders - new order for goods and/or services
- 0435 - Order for retained approval goods - retrospective order to cover goods already received on approval/inspection when these are being retained
- 0440 - Order Amendment - contains changes to an outstanding order, such as quantities, prices and delivery dates. To minimise transmission costs, only send the details for the products which have been amended. Use transaction codes 0475 for re-scheduled orders or transaction code 0485 for additional lines. Note that order amendments can rarely be processed automatically.
- 0445 - Order Chaser - used to chase delivery of an outstanding order
- 0450 - Copy Orders - a copy of an order previously sent by EDI or other media.
- 0460 - Confirmation of Order by Ordering Company - used for example when an order is placed by telephone or fax
- 0470 - Mixed Order Types - the file contains a mixture of different types of order. Each order should be processed according to the Order Code given in ORD ORCD.
- 0475 - Re-Scheduled Orders - used to change the delivery date of an order or order line. Only the lines which have been re-scheduled need be sent
- 0480 - Call-Off Orders - request for delivery against a contract, blanket or standing order
- 0485 - Addition to Existing Orders, Existing Requirements Unchanged - additional lines to be added to an outstanding order. Only the new lines need be sent
- 0490 - Order Commitment - a contract to supply, not an instruction to deliver

HOTHDR: First message of the Hot Card File, File Format 27

- 0500 - Complete transmission of Hot Card File
- 0501 - Update transmission of Hot Card File

DELHDR: First message of the Delivery Notification File, File Format 6

- 0600 - Delivery - a notification of delivery against an order, containing details of all the lines on the order. Normally produced by the supplier once goods have been picked for that order
- 0610 - Consignment Note - sent by the supplier to the carrier to control the movement of a consignment through the distribution network to the customer
- 0620 - Instruction to Deliver - a request for a delivery to be made
- 0630 - Planned Delivery - used to report the status of a future delivery
- 0640 - Delivery Adjustment - a notification of changes to a delivery, used when amendments are made or requested after a proposed delivery or request to deliver has been sent
- 0650 - Balance - used to notify details of a part delivery when balances are accepted. Only includes those lines which are being delivered, not all the lines on the order, some of which may already have been received.
- 0660 - Proposed Delivery - advance notice of an impending delivery
- 0695 - Warehouse Receipt - notification that goods have been received at a warehouse

Many goods are distributed on pallets, which may come from a different supplier to the goods, and which need to be controlled. Normally empty pallets are exchanged for full pallets to ensure the continued supply of goods.

- 6001 - Pallet Exchange Note - notification that pallets have been, or are to be exchanged. These may be either full or empty pallets. Used when different types of pallet movements are being recorded (ie mixed file type).
- 6002 - Pallet Control Voucher - control document issued when goods have been delivered on pallets and no empty pallets were available for exchange.
- 6003 - Pallet Issue Note - notification that fresh pallets have been, or are to be issued. May also be used when goods on pallets have been recalled.
- 6004 - Pallet Return Note - notification that pallets have been, or are to be returned
- 6005 - Pallet Transfer Note - record of, or request for transfer of pallets
- 6006 - Pallet Query Note - request for information on the status of pallet movements. Used when no empty pallets or control vouchers were received.
- 6007 - Pallet Return Advice Note - notification that returns have been made
- 6008 - Pallet Ex Factory Movement - record of pallet transfers out of a factory. Pallets may be empty or full.
- 6009 - Pallet Collection Request - request for pallets to be collected/uplifted
- 6010 - Load Collection Request - request for goods to be collected/uplifted

DLCHDR: First message of the Delivery Confirmation File, File Format 7

- 0670 - Confirmation of Delivery - confirms the goods and quantities which have been delivered at a location
- 0680 - Confirmation of Despatch - confirms the goods and quantities which have been despatched to a location
- 0690 - Confirmation of Delivery Status Report - confirms the status of a delivery in preparation or transit
- 6000 - Equipment Movement Confirmation - confirms the transfer of an item of equipment

INVFIL: First message of the Invoice File, File Format 8

- 0700 - Invoices Only - commercial document (sales invoice) issued by a supplier to a customer listing the goods or services supplied and stating the sum of money due. For ease of reconciliation it is recommended that one invoice relates to one order and/or one delivery. Contains tax details where applicable.
- 0701 - Self Billed Invoices - commercial invoice raised by the customer based on the order placed, delivery received and the contract of supply
- 0702 - Retrospective Self-Billed Invoice - commercial invoice raised by the customer retrospectively
- 0705 - Factored Invoice - commercial invoice sent by a supplier to a factor who will be receiving the payment from the customer
- 0707 - Assigned Debt Invoice. Used by sellers to send an invoice file via EDI to the buyers advising them that the debt has been assigned to the factoring company
- 0709 - Copy Invoice - not for VAT purposes. Raised when copies of an invoice document are sent from one party to another by EDI for information purposes only. The original invoice may have been sent by EDI or on paper.

CLAHDR: First message of the Claims File, File Format 100

- 0710 - Credit Claims (Newstrade) - claim for credit against unsold copies of a newspaper or magazine
- 0711 - Sales Report - not final claim for credit. Report of sales of newspapers and magazines

UTLHDR: First message of the Utility Bill File, File Format 26

- 0715 - Utility Bill - commercial invoice for metered services. Contains tax details where applicable.
- 0716 - Copy Bill - not for VAT purposes. Copy of a utility bill previously sent by EDI or other means. For information purposes only.
- 0717 - Utility Credit Note - credit notes only

CREHDR: First message of the Credit Note File, File Format 9

- 0720 - Debit Notes Only - notification of a sum or sums owing, raised by the debtor (customer). Trading partners should agree whether this will contain VAT details, or whether the supplier will subsequently raise a Credit Note as the VAT document.
- 0740 - Credit Notes Only - notification of a sum or sums to be credited. Usually sent by a supplier to a customer
- 0741 - Self Billed Credit Notes - a credit note raised by the customer based on information already known
- 0742 - Retrospective Self-Billed Credit Note - credit note raised by the customer retrospectively
- 0749 - Copy Credit Note - not for VAT purposes. Copy of a credit note sent by EDI or other means for information only

EFTHDR: First message of the Electronic Funds Transaction File, File Format 28

0810 - Electronic Funds Transaction

SRMHDR: First message of the Statement/Remittance File, File Format 10

0820 - Statement Details Only - list of credits and debits with the outstanding balance, sent either as a report or to request payment from the customer by the supplier

0830 - Remittance Details Only - details of the items against which a payment is being made. Sent by the payer to the payee.

UPLHDR: First message of the Uplift Instruction File, File Format 11

0900 - Uplift Notification - notification of a an uplift (collection) of goods which is being, or has been made

0910 - Planned Uplift - advance notification of an uplift (collection) of goods which is to be made

UNCHDR: First message of the Uplift Confirmation File, File Format 12

0920 - Uplift Confirmation - confirmation of the items and quantities which are being, or have been, uplifted

0930 - Confirmation of Uplift Status Report - report of the status of an uplift (collection) which is being, or is due to be, made

PICHDR: First message of the Picking List File, File Format 5

1000 - Picking Instructions Only - instructions on what to pick for an order or delivery

1010 - Picking Instructions Amendments - change to a picking instruction

AVLHDR: First message of the Availability Report, File Format 15

2000 - Availability Report Only - report of actual or planned stock availability

SNPHDR: First message of the Stock Snapshot File, File Format 13

2100 - Stock Snapshot Only - report of current stock holdings, usually sent by the stockholder to a supplier

SADHDR: First message of the Stock Adjustment File, File Format 14

2200 - Stock Adjustment Only - notification of adjustments to stock holdings, usually sent by a third party stockholder (eg a carrier) to the owner of the stock

PPRHDR: First message of the Product Planning Report File, File Format 19

2300 - Product Planning Report - planning report on products held at different locations

LPRHDR: First message of the Location Planning Report File, File Format 25

2305 - Location Planning Report - planning report for locations holding various products

ACKHDR: First message of the Acknowledgement of Order File, File Format 18

- 3100 - Acknowledgement that an Order has been received, with no further reference to the original purchase order line details
- 3110 - Acknowledgement that an Order, with line details as shown, has been received, with no reference as to whether or not the supplier can meet its requirements
- 3120 - Acknowledgement, including expected delivery, for ALL lines ordered.
- 3130 - Acknowledgement, including expected delivery, for SOME lines ordered. The recipient must assume the remaining lines will be, or have been, acknowledged separately. (Not used by EDICUG)
- 3140 - Acknowledgement providing expected delivery information ONLY for those lines where the Supplier cannot meet the requested delivery date(s). It is assumed that the lines not included will be delivered as requested. (Not used by EDICUG)
- 3145 - Acknowledgement of order not able to be supplied. Query outstanding on customer account. No reference is made to the order line details
- 3150 - Acknowledgement changing details which have previously been advised, eg. change in Date, Quantity, Price, etc. All details for a line must be shown, including those which have not changed
- 3160 - Acknowledgement category NOT defined. Will be used where the supplier's system does not have inbuilt indicators
- 3170 - Acknowledgement that a request to cancel an order has been received and actioned. No reference is made to the order line details. (Not used by EDICUG)

CAKHDR: First message of the Claims Acknowledgement File, File Format 107

- 3200 - Claims Acknowledgement (Newstrade) - response to a claim for credit, indicating which claims have been accepted or rejected

PAYHDR: First message of the Payment Order File, File Format 20

- 0835 - Payment Order - instruction on a bank to make a payment to a third party

DRAHDR: First message of the Debit Advice File, File Format 21

- 0840 - Debit Advice - notification given by the bank to the payer to confirm that a payment has been, or will be, taken from their account

CRAHDR: First message of the Credit Advice File, File Format 22

- 0845 - Credit Advice - notification given by the bank to the payee that a credit payment has been, or will be, made to their account

EXCHDR: First message of the Exception Condition File, File Format 23

- 0850 - Exception - report from the bank to the payer that a problem has been identified

with a payment

ISSUES: First message of the Issues File, File Format 101

9000 - Issues (Newstrade) - master file showing details of the current issues of a magazine or newspaper, with selling restrictions

SORHDR: First message of the Supply and Returns File, File Format 106

9005 - Supply and Returns (Newstrade) - report of the number of copies of an issued newspaper or magazine which have been sold or remain unsold

DYEHDR: First message of the Dye Instruction File, File Format 102

9010 - Dye Order - order for special textile dyeing and finishing operations

9011 - Return Dye Instruction - accompanies the returned dyed and finished items

PVUHDR: First message of the Price and Availability Updates File, File Format 108

9020 - Complete transmission of Price and Availability Update File

9021 - Update transmission of Price and Availability Update File

ANA Standard Code Values - List 3

TRANSACTION TYPE - TTYP

Appears in some file header messages, in segment TYP, but not necessary for new users. Where no code value is given in this list for a particular file header message, the TTYP element in that file may be omitted from the message. There will always be a Transaction Code from List 2 in TCDE.

PROHDR:

COMPLETE-PRO _ Complete Product Information File (TCDE 0100 and 0102)
UPDATE-PRO - Update to existing Product Information File (TCDE 0101 and 0103)

PRIHDR:

COMPLETE-PRI - Complete Price Information File (TCDE 0150)
UPDATE-PRI - Update to existing Price Information File (TCDE 0151)

CUSHDR:

COMPLETE-CUS - Complete Customer Information File (TCDE 0200)
UPDATE-CUS - Update to existing Customer Information File (TCDE 0201)

ORDHDR:

PROP-ORDERS - Proposed Orders (TCDE 0350)
EXCEPT-ORDER - Exception to Proposed Orders (TCDE 0360)
CANCEL-ORDER - Cancelled Orders (TCDE 0400)
NEW-ORDERS - New Orders (TCDE 0430)
CONF-ORDERS - Confirmation of Order by Ordering Company (TCDE 0460)

DELHDR:

DELIVERIES - Delivery Notification (TCDE 0600)
DELIVERY-ADJ - Delivery Adjustments (TCDE 0640)
DA - Instruction to Deliver; Delivery to Customer (used with TCDE 0620)
DB - Instruction to Deliver; Internal Company Movement Out (used with TCDE 0620)
DC - Instruction to Deliver; Returns to Client (used with TCDE 0620)
DD - Proposed Delivery; Receipt from Supplier (used with TCDE 0660)
DE - Proposed Delivery; Internal Company Movement In (used with TCDE 0660)
PEN-NOTE - Pallet Exchange Note (TCDE 6001)
PCV-NOTE - Pallet Control Voucher (TCDE 6002)
ISS-NOTE - Pallet Issue Note (TCDE 6003)

RET-NOTE - Pallet Return Note (TCDE 6004)
 TRF-NOTE - Pallet Transfer Note (TCDE 6005)
 QNE-NOTE - Pallet Query Note (TCDE 6006)
 RAN-NOTE - Pallet Return Advice Note (TCDE 6007)
 XFM-NOTE - Pallet Ex Factory Movement (TCDE 6008)
 PCR-NOTE - Pallet Collection Request (TCDE 6009)
 WHRECEIPT - Warehouse Receipt (TCDE 0695)

DLCHDR:

CONF-DELIV - Confirmation of Delivery (TCDE 0670)
 CONF-DESP - Confirmation of Despatch (TCDE 0680)
 CONF-STATUS - Confirmation of Delivery Status Report (TCDE 0690)
 EMC - Equipment Movement Confirmation (TCDE 6000)

INVFIL:

INVOICES - Invoices Only (TCDE 0700)
 ASS-INV - Assigned Debt Invoice (TCDE 0707)

CREHDR:

DEBIT-NOTES - Debit Notes Only (TCDE 0720)
 CREDIT-NOTES - Credit Notes Only (TCDE 0740)

SRMHDR:

STATEMENT - Statement Details Only (TCDE 0820)
 REMITTANCE - Remittance Details Only (TCDE 0830)

PAYHDR:

PAYORD - Payment Order (TCDE 0835)

DRAHDR:

DLADV - Debit Advice (TCDE 0840)

CRAHDR:

CREADV - Credit Advice (TCDE 0845)

EXCHDR:

EXCEPTION - Exception Conditions (TCDE 0850)

ANA Standard Code Values - List 4

MEASURE INDICATOR - Sub-element of AUCTION, CLSK, DELQ, OQTY, OUBA, OUCT, QADJ, QPRO, QTYC, QTYI, QTYP, QTYR, QUTF, RQTY, SQTY, UNOR, ULPQ and XQTY.

Appears in ACKMNT, AVLDET, CORDER, CREDIT, DELIVR, DLCDET, INVOIC, ORDERS, PICKER, PROINF, SADDDET, SNPSTS, UCNDDET, UPLIFT and UTLBIL messages in segments AGD, ALD, AQD, AVD, CLD, COD, DCD, DLD, DLS, ILD, OLD, PIC, PLD, PRN, PVD, RCD, RDQ, SAD, SLQ, UCD and ULD.

1	=	1	consumer units
100	=	100	consumer units
1000	=	1000	consumer units
M	=	Metre	
CM	=	Centimetre	
MM	=	Millimetre	
M2	=	Square Metre	
DM2	=	Square Decimetre	
CM2	=	Square Centimetre	
M3	=	Cubic Metre	
CM3	=	Cubic Centimetre	
L	=	Litre	
DL	=	Decilitre	
ML	=	Millilitre	
T	=	Tonne	
KG	=	Kilogramme	
HG	=	Hectogramme	
G	=	Gramme	
MG	=	Milligramme	
SEC	=	Second	
MIN	=	Minute	
HUR	=	Hour	
DAY	=	Day	
WEE	=	Week	
MON	=	Month	
QAN	=	Quarter Year	
SAN	=	Half Year	
ANN	=	Year	
KSG	=	Kilosegment (64,000 bytes)	
MJ	=	Mega Joule (10 ⁶ Joules)	
GJ	=	Giga Joule (10 ⁹ Joules)	
TJ	=	Tera Joule (10 ¹² Joules)	
HMJ	=	Hundred Mega Joules	

KVA	=	Kilovolt-ampere
KVR	=	Kilovar (reactive power)
KWH	=	Kilowatt-hour
BTU	=	British Thermal Unit
THM	=	Therm
YD	=	Yard
FT	=	Foot
IN	=	Inch
SQYD	=	Square Yard
SQFT	=	Square Foot
SQIN	=	Square Inch
CUIN	=	Cubic Inch
CUFT	=	Cubic Foot
HH	=	Hundred Cubic Feet
FC	=	Thousand Cubic Feet
GAL	=	Gallon
QT	=	Quart
PT	=	Pint
FLOZ	=	Fluid Ounce
CWT	=	Hundredweight
QR	=	Quarter
LB	=	Pound
OZ	=	Ounce
GR	=	Grain
ZZ	=	Undefined - only used in intermediate stages of a calculation

NB These abbreviations are those authorised for trade use by the Weights and Measures (Marking of Goods and Abbreviations of Units) Regulations 1975.

Legislation is being introduced to phase out the use of imperial units following the 1989 Units of Measurement Directive 89/617/EEC. This will lead to amendments to the Weights and Measures Act 1985 and the Units of Measurement Regulations 1986. Certain exemptions will apply in the UK, but metric units are recommended for use in trade.

Users requiring additional Units of Measure should refer to the United Nations Trade Data Element Directory (1987 edition), section 5.6; Codes for Units of Measurement used in International Trade.

ANA Standard Code Values - List 5

SPECIAL PRICE INDICATOR - PIND

Appears in DELIVR, INVOIC, CORDER and ORDERS messages, in segments DLS, ILD, COD and OLD.

F	=	Free
P	=	Promotion

ANA Standard Code Values - List 6

ORDER CLASSIFICATION - CLAS

Appears in ORDERS, PICKER and CORDER messages, in segment ORD.
The default order classification (when no code is required) is a customer order.

C	=	Campaign
E	=	Easter
N	=	New Release
R	=	Request (special customer order for items not usually stocked)
S	=	Stock (replenishment order)
X	=	Christmas

ANA Standard Code Values - List 7

ORDER CODE - ORCD

Appears in ORDERS, PICKER and CORDER messages, in segment ORD. Used where the order file contains mixed order types (TCDE = 0470).

P	=	Proposed Order
E	=	Exception to Proposed Order
C	=	Cancelled Order
N	=	New Order
A	=	Order Amendment
R	=	Re-Scheduled Order
F	=	Confirmation Order
O	=	Call Off Order
K	=	Confirmation of Cancelled Order
X	=	Addition to Existing Order
T	=	Order Commitment
H	=	Order for Retained Approval Goods
S	=	Order for Goods on Approval or Inspection
B	=	Branch Delivery Order
D	=	Home Delivery Order
L	=	Lines Cancelled in Amended Order
G	=	Standing Order
W	=	Order Chaser

ANA Standard Code Values - List 8

TO FOLLOW INDICATOR - TFIN

Appears in DELIVR, CORDER and ORDERS messages, in segments DLS, COD and OLD.

T	=	To follow
N	=	Not to follow

ANA Standard Code Values - List 9

CREDIT/DEBIT LINE INDICATOR - CRLI/DRLI

CRLI appears in DELIVR and INVOIC messages, in segments DLS and ILD. DRLI appears in the CREDIT message in segment CLD.

R	=	Returns
H	=	Handling Allowance

ANA Standard Code Values - List 10

ITEM GROUP IDENTIFIER - IGPI

Appears in INVOIC message, in segment ILD.

G	=	Group
I	=	Item

ANA Standard Code Values - List 11

CASH SETTLEMENT DISCOUNT IDENTIFIER - CSDI

Appears in INVOIC message, in segment ILD

D	=	Item line eligible for cash settlement discount
N	=	Item line not eligible for cash settlement discount

If lines normally attract a cash settlement discount the identifier may be omitted and will be taken as eligible by default.

ANA Standard Code Values - List 12

VAT RATE CATEGORY CODE - VATC

Appears in CREDIT, INVOIC, PROINF, UTLBIL, UVATLR and VATTLR messages, in segments CLD, CST, ILD, STL, PRD, VRS, VAT and VTS.

S	=	Standard rate
T	=	Standard rated free goods, VAT charged
V	=	Standard rated free goods, VAT not charged
Z	=	Zero rate
X	=	Exemption from VAT
H	=	Higher rate
J	=	Higher rated free goods, VAT charged
K	=	Higher rated free goods, VAT not charged
E	=	Export item
F	=	Free export item, VAT charged
G	=	Free export item, VAT not charged
I	=	Import item
O	=	Services outside the scope of VAT
A	=	Mixed VAT rate item
R	=	Reconciliation - Invoice raised for VAT only
N	=	Input Tax paid but not reclaimable
L	=	Lower rate

For Insurance Industry:

C	=	Original VAT liability on copy invoices sent to Insurers - VATP would be as charged by the repairer/supplier. Applicable when policy holder is VAT registered.
P	=	Credit Line payments which will be due to the Policy Holder or Insurer to settle - always deducted from the invoice value.
D	=	Insurance Premium Tax

ANA Standard Code Values - List 13

REASON FOR CREDIT CODE

Appears in CREDIT message, segment CLD, element CRRE.

- | | | |
|----|---|-------------------------------------|
| 01 | - | Excess quantity ordered |
| 02 | - | Order duplicated |
| 03 | - | Product ordered in error |
| 04 | - | Product not approved |
| 05 | - | Substitute product not accepted |
| 06 | - | Delivery instruction error |
| 07 | - | Delivery address error |
| 08 | - | Damage in transit |
| 09 | - | Loss in transit |
| 10 | - | Delivery refused - appointment |
| 11 | - | Delivery refused - late |
| 12 | - | Delivery refused - other reasons |
| 13 | - | Split order deliveries not accepted |
| 14 | - | Promotional discount error |
| 15 | - | Settlement discount error |
| 16 | - | Trade discount error |
| 17 | - | Trade price error |
| 18 | - | VAT rate error |
| 19 | - | Extension error |
| 20 | - | Damage on premises |
| 21 | - | Out of date |
| 22 | - | Surplus to requirements |
| 23 | - | Sale or return |
| 24 | - | Superseded product |
| 25 | - | Deteriorated product |
| 26 | - | Advertising allowance |
| 27 | - | Promotion allowance |
| 28 | - | Rebate |
| 29 | - | Retrospective discount |
| 30 | - | Coupon redemption |
| 31 | - | Returnable containers |
| 32 | - | Goods used for demonstrations |
| 33 | - | Free goods charged in error |
| 34 | - | Agreed settlement |
| 35 | - | Equipment rental |
| 36 | - | Concession |
| 37 | - | Third party delivery |
| 38 | - | Short delivery |
| 39 | - | Incorrect product delivered |

ANA Standard Code Values - List 14

VAT TYPE OF SUPPLY - TSUP

Appears in INVOIC message, segment ILD.

A	-	Ordinary sale
B	-	Hire purchase, conditional sale, credit sale or similar loan
C	-	Loan
D	-	Exchange
E	-	Hire, lease or rental
F	-	Process (making goods from someone else's materials)
G	-	Sales on Commission (eg. by an Auctioneer)
H	-	Sale or Return, or similar terms

These codes are defined by HM Customs and Excise. If the transaction is an ordinary sale (HMCE Code A) the data element may be omitted.

ANA Standard Code Values - List 15

STATEMENT/REMITTANCE LINE CODE - LINE

Appears in SRMINF message, segment SRD.

01	-	Credit Balance Brought Forward
02	-	Debit Balance Brought Forward
03	-	Credit Balance Carried Forward
04	-	Debit Balance Carried Forward
05	-	Invoice
06	-	Credit Note
07	-	Debit Note
08	-	On-Account Payment
09	-	Deposit
10	-	Direct Debit Notification
11	-	Payment
12	-	Invoice Cancellation
13	-	Credit Note Cancellation
14	-	Debit Note Cancellation
15	-	Rebate
16	-	Rebate Cancellation
17	-	Debit Journal
18	-	Credit Journal
19	-	Cash Payment (Debit)
20	-	Cash Payment (Credit)
21	-	Settlement Discount Payment (Debit)
22	-	Settlement Discount Payment (Credit)

ANA Standard Code Values - List 16

APPLICATION REFERENCE ABBREVIATIONS - APRF

May be used in the STX segment which heads the transmission file

Live Status Files

PROHDR	=	Product Information File
PRIHDR	=	Price Information File
CUSHDR	=	Customer Information File
ORDHDR	=	Order File
PICHDR	=	Picking Instructions File
DELHDR	=	Delivery Notification File
DLCHDR	=	Delivery Confirmation File
INVFIL	=	Invoice File
CREHDR	=	Credit Note File
SRMHDR	=	Statement/Remittance Details File
UPLHDR	=	Uplift Instruction File
UCNHDR	=	Uplift Confirmation File
SNPHDR	=	Stock Snapshot File
SADHDR	=	Stock Adjustment File
AVLHDR	=	Availability Report
GENHDR	=	General Communications File
CORHDR	=	Complex Order
ACKHDR	=	Acknowledgement of Order
PPRHDR	=	Product Planning Report File
PAYHDR	=	Payment Order File
DRAHDR	=	Debit Advice File
CRAHDR	=	Credit Advice File
EXCHDR	=	Exception Condition File
LPRHDR	=	Location Planning Report file
UTLHDR	=	Utility Bill File
HOTHDR	=	Hot Card File
EFTHDR	=	Electronic Funds Transaction File
INTHDR	=	Interchange Acknowledgement File
CLAHDR	=	Claims File
ISSUES	=	Issues File
DYEHDR	=	Dye Instruction File
BTOHDR	=	Book Order File
HSOHDR	=	Homeshipping Order File
SORHDR	=	Supply and Return File
CAKHDR	=	Claims Acknowledgement File
PVUHDR	=	Price and Availability Updates File

Test Status Files:

Abbreviations for test status files are as above, but with the last three letters of the abbreviation replaced by 'TES' eg. PROTES, PRITES, INVTES, etc.

ANA Standard Code Values - List 17

REASON FOR VARIANCE CODE - REVR

Appears in DLCDET and UCNDDET messages

A	=	Out of Stock
B	=	Goods not Loaded
C	=	Refused Delivery
D	=	Damaged Goods
E	=	Driver Short Delivered
F	=	Discontinued Line
G	=	Customer Closed
H	=	Drivers Hours Regulations
J	=	Cash Unavailable
K	=	Cancelled by Salesman
L	=	Cancelled by Head Office
M	=	Over Substitution
N	=	Over Delivery of Product Ordered
P	=	Cancelled Before Delivery
Q	=	Product Delivered Not Ordered
R	=	Overstocked
S	=	Not Required
T	=	Not Ordered
U	=	Return of Empty Containers
V	=	Late Delivery
W	=	Refused on Re-Delivery
X	=	Other Reasons
Y	=	Nationally Out of Stock
Z	=	Substitute Product
AA	=	Confirmation of No Variance
AB	=	Faulty Goods

ANA Standard Code Values - List 18

STOCK STATUS CODE - SSTC

Appears in DLCDET, DELIVR, UCNDT, SADDET, SNPSTS and UPLIFT messages, in segments DCD, DLD, RCD, SAD, SLD, UCD and ULD.

1	=	Prime
2	=	Damaged
3	=	Out of Date
4	=	Quarantined
5	=	Written Off

ANA Standard Code Values - List 19

STOCK SNAPSHOT CATEGORY CODE - SSCC

Appears in SNPSTS message, segment SSR

01	=	Below Re-order Level
02	=	Available Stock
03	=	Physical Stock
04	=	Book Stock
05	=	Floor Stock
06	=	Unplanned Stock
07	=	Planned Stock

ANA Standard Code Values - List 20

REASON FOR ADJUSTMENT CODE - RADJ

Appears in SADDET message, SAD segment

01	=	POD Input Error
02	=	Short or Over Delivery
03	=	Item Not Recorded on POD
04	=	Stock Take Adjustment
05	=	Other Reason
06	=	Damages on Receipt from Client
07	=	Delivery Damage
08	=	Damage on Transfer from Other Depot
09	=	Uplift of Damaged Stock
10	=	Warehouse Damage
11	=	Adjustment from Damaged to Prime
12	=	Written Off
13	=	Damages Returned to Client
14	=	Intake/Transfer Input Error
15	=	Returns Input Error
16	=	Damage to Prime, Receipt from Client
17	=	Damage to Prime, Damaged during Delivery
18	=	Damage to Prime, Damaged during Transfer
19	=	Damage to Prime, Uplifted Damages
20	=	Damage to Prime, Damaged in Warehouse
21	=	Out of Date Stock
22	=	On Client Request
23	=	Damage to Prime, Out of Date Stock
24	=	Damage to Prime, On Client Request

ANA Standard Code Values - List 21

DELIVERY/UPLIFT CONDITION CODES - DELC and UPLC

Appears in DLCDET and UCNDDET messages. (0-4 paired with TCDE's 0670 and 0920)

0	=	Delivered/Uplifted as instructed
1	=	Delivery/Uplift Variance from prior transmitted instruction
2	=	Completely Undelivered/Uncollected: transaction NOT to be replanned
3	=	Delivery/Uplift Variance, with no prior transmitted instruction
4	=	Completely Undelivered/Uncollected; transaction to be replanned

Extra Delivery Condition Codes: To be used when file is used as a confirmation of Delivery or Uplift status (Transaction Code = 0690, except where stated). Where line details are not transmitted.

A	=	Delivery picked and packed
B	=	Delivery held at distribution centre
C	=	Delivery despatched from distribution centre (paired with TCDE 0680)
D	=	Delivery arrived at local depot
E	=	Delivery held at local depot
F	=	Delivery despatched from local depot
G	=	Delivery retained in local depot
H	=	Negotiated delivery date confirmed
J	=	Negotiated delivery date adjusted
K	=	Uplift held in local depot (paired with TCDE of 0930)
L	=	Uplift arrived at distribution centre (paired with TCDE of 0930)
M	=	Proof of delivery

ANA Standard Code Values - List 22

DATA NARRATIVE CODES

The codes below may be used in DNAC. Other code lists and their values can be defined and agreed by trading partners.

<u>Code</u>	<u>Represents Plain Text</u>
01	Certificate of confirmity required
02	Release to BS9000 required
03	Release to CECC required
04	These commodities have been authorised for export from the US under a special distribution licence procedure, on condition that they may not be re-exported without prior approval from the US Authorities
05	Where necessary the quantities on this order have been amended to align with our published minimum/multiple supply quantities
06	Items showing expected delivery TBA are not yet released and no firm delivery date can be quoted at this time
07	Under the authority of the Chief Inspector, same type to CECC may be shipped in lieu of BS9000. Please advise your goods inwards
08	Please note that the goods supplied are deemed to be non-standard and cancellation will only be accepted in accordance with our conditions of sale
09	We regret we cannot accept Government costed conditions for standard catalogue items, and therefore these goods will be subject to our standard conditions of sale
10	Deliveries are subject to price re-negotiation
11	Items supplied to this order comply with our specifications/drawings
12	Special terms and conditions as agreed between our companies will apply, as appropriate, to this order
13	American Military release required
14	"BSI Registered Stockist". To be released in accordance with BSI registered stockist requirements (A) full batch identification (B) full batch traceability (C) certificate of confirmity or test certificate for each batch supplied
15	Tentative Order, with customer commitment to Material Cost only
16	Provisional Order, with no customer commitment, and which is likely to be subject to change. Provided to the supplier as a forecast or probable requirement for capacity planning purposes only
17	This order is placed subject to our current terms and conditions
18	Payment Terms: the amount payable must be received at the given address by the payment date shown. When paid within these terms then the discount is allowed, but on the net total only. Orders are accepted on the understanding that they are invoiced at the price ruling on the agreed day of the delivery of goods
19	The amount of the debt represented by the electronic invoice has been assigned absolutely to our Factor whose identity is contained in the registered text field below. Payment must be made only to our Factor and they alone can give a valid discharge thereof. Our Factor should be advised of any claims or disputes
20	Item(s) currently out of stock
21	Discontinued item(s)
22	Cannot be manufactured due to shortage of raw materials
23	Unable to comply with required delivery date

<u>Code</u>	<u>Represents Plain Text</u>
24	EDI copy invoice - not for VAT control purposes
25	Firm Requirement: required in these works on the dates specified
26	Tentative Requirement: order pending, to be confirmed by a later schedule
27	Payment Terms: The amount payable must be received at the given address by the payment date shown. When paid within these terms then the discount is allowed, but on the net total only. Orders are accepted on the understanding that they are invoiced at the price ruling on the agreed day of the delivery of goods Terms of Trade: Goods are supplied hereunder upon our current trading terms, a copy of which are available on request. Such terms include a reservation of title clause
28	This is a Self-Billed Invoice: the VAT shown is your output tax due to HM Customs & Excise

For further use of Data Narrative Segments see Annex 1.

ANA Standard Code Values - List 23

RESERVED CODE LISTS (ELECTRONICS COMPONENTS SECTOR)

ANA Standards Code Values - List 24 - See RTEX File

REGISTERED TEXT CODES - Used in element RTEX. Where unspecified, the format of the Application Text is X(40), of variable length.

<u>Code</u>	<u>Application</u>
001	Wine Vintage Number
002	Nominal Distribution Code
003	Product Dimensions
004	Extended Product Information
005	Duty Rate
006	Invoice Specific Text Line 1
007	Invoice Specific Text Line 2
008	Last Advice Note Number
009	Specification Number
010	Contract Number
011	Certificate Number
012	Last Advice Note Date
013	Last Advice Note Quantity
014	American Military Release No.
015	CECC Specification No.
016	BS Specification No.
017	Quantity in Pricing Units
018	Extended Part Number
019	Payment Terms
020	Transport Type
021	Special Packing Instructions
022	Carriage Charges
023	Engineering Part Issue Number
024	Registration Number
025	Batch Reference Number
026	Price Related Additional Data
027	Advice Note Number
028	Advice Note Date
029	Reference Invoice Number
030	Reference Credit Note Number
031	Supplier's Contact Name
032	Exchange Rate
033	Invoice Currency
034	Mail Order Company Reference
035	Charge Code
036	Order Transaction Code
037	Delivery Collection Service Code
038	Order Transaction Status Date
039	Goods Exchange Indicator
040	Microfilm Address
041	Microfilm Record Sheet No.
042	Optimum Pick Date
043	Original Order Line No.

<u>Code</u>	<u>Application</u>
044	Reason for Variance Text
045	Exchange Rate Applicable
046	Contracted Exchange Rate Rolerance
047	Paragraph within Conditions of Sale or Purchase to which particular attention is drawn for this Order
048	Rate of Duty Pay Back applicable for this sale ordered item
049	Buyer's Name
050	Preferred Manufacturer
051	Contractual Delivery Date
052	Quote Reference
053	Cheque Number
054	Despatch period reference No.
055	Additional Discount Type A
056	Additional Discount Type B
057	Additional Discount Type C
058	Stock Point (physical segregation of stock where location is not necessarily holder's warehouse)
059	Collecting Depot (where Depot receiving refused goods is different to that from which they were delivered)
060	Extended Text for Credit Reason
061	Seller's Order Line Number
062	Order Amendment Sequence No.
063	Order Title (Project/Programme Name)
064	Contractual Delivery Quantity
065	Drawing No.
066	Seller's Order Reference Number
067	Accession Number
068	Classification Number
069	Budget Allocation Code
070	Stock Category
071	Supplier's Standard Address Code
072	Customer's Standard Address Code
073	Currency Code
074	Manufacturer's Recommended Selling Price in quoted currency, shown with 2 decimal places implicit
075	Net Book Price in quoted currency, shown with 2 decimal places implicit
076	Consignee's Order Number where a delivery/uplift is a relationship between a Carrier and a Retailer/Manufacturer, this element pertains to the order number supplied to the Retailer/Manufacturer by the end Customer
077	Goods Exchange Reference when the uplift of faulty goods is done at the same time as the delivery of the replacements, the delivery and uplift are cross-referred to each other using the Goods Exchange Reference
078	Mail Order Publication Reference Reference to a particular publication eg. Autumn/Winter as opposed to Spring/Summer catalogue
079	Date to Awaiting Print Status
080	Settlement Discount (%)

<u>Code</u>	<u>Application</u>
081	Unit Cost Price (pre-discount)
082	Customer Order No (by line)
083	Finished Size 01
084	Finished Size 02
085	Finished Size 03
086	Order Length Required These are order specific tolerances that British Steel customers will be required to specify when ordering standard sizes or lengths
087	Viewdata Stock Allocation Quantity Quantity of stock allocated to order by Philips "MOVIES" viewdata system
088	Diary Class For use with the diary of negotiated delivery dates
089	Payment Date
090	Answer Code
091	Date of Answer Code
092	Answer Code Action Date
093	Short Title
094	Discount Value
095	Discount Percentage
096	Chaser Sequence Number
097	Settlement Terms This is the discount given when a customer pays within a set number of days. It consists of a percentage and a number of days in three consecutive blocks of 8 digits. Each block has 3 digit percentage integers, 2 decimal places and 3 digits for the number of days eg. 2.5% within 10 days = 00250010
098	First Line Invoice Comments - text
099	Viewdata Order Type - Format X(3)
100	Viewdata Stock Location Code - Format X(6)
101	Stock/Non Stock Order Indicator Suggested values: 1 = stock replenishment order; 2 = non-stock order to meet a specific requirement
102	Quality Assurance Order subject to QA procedures of the purchaser
103	Quality Assurance Purchaser's representative's release note to accompany the goods
104	Quality Assurance Test certificates to be provided
105	Quality Assurance Item(s) for use above 7 Bar
106	Ordering Office Contact Name
107	Name of Person to Whom Goods are to be Delivered
108	Retail Selling Price for a Product in an Order Line; fieldsize 9(5), price in pence
109	Customer's Merchandise Department Department within the ordering company who are responsible for this product line. The customer will advise the location code to be used
110	Goods Received Note Identity Number Format X(9)

<u>Code</u>	<u>Application</u>
111	Advice Note Number Format X(20) Used when number is larger than standard
112	Order Number for Self Billed Invoicing Format X(25) which is greater than the ORNO field
113	Quantity Supplied - format 9(6)V9(5), used with QTYI fields
114	Price per Unit - format 9(9)V9(2), used with AUCTION
115	Original Unit Price - format 9(9)V9(2), used for retrospective price adjustments
116	Line Level Goods Value - format 9(9)V9(2), used with LEXC
117	Total Goods Value - format 9(11)V(2), used with LVLA
118	Invoice Level Discount - format 9(11)V9(2)
119	Invoice Level VAT Amount - format 9(11)V9(2)
120	Date of Incident - the date on which the cause of the supply happened - format YYMMDD
121	Date of Insurance Renewal - format YYMMDD
122	Customer Registered for VAT Indicator - Value will be Y or N
123	Odometer Reading - records the mileage at the time of supply - format 9(8)
124	Vehicle Registration - format X(14)
125	Warranty Number - this will record the warranty certificate number. Format X(30)
126	Reason Code - format X(3). This is the reason for doing the job on the vehicle, eg. radio replaced due to theft etc.
127	Action Code - format X(3). This is the action taken eg. supply and fit, supply only, fit only, etc.
128	Country of Origin - use the 2 alpha ISO country codes found in the Trade Data Elements Directory (TDED) in code list 3207 (EDIFACT) : ISO Code List 3166
129	Data Source and Version Number Text
130	Contra Account, Short name - text The name of the company to whom the pallet is interchanged
131	Opening Stock - number of units
132	Closing Stock - number of units
133	Master Case Order quantity - this is the order line quantity expressed as a number of master shipping cases
134	TI Multiple - format 9(6). This indicates the number of shipping cases per tier of a pallet for an order line/delivery note
135	HI Multiple - format 9(6). This indicates the number of layers/tiers on the pallet
136	ANA Number Representing the Factor Involved in the Assigned Invoice - format 9(13)
137	Part Type - this enables the supplier to indicate the type of part supplied for onward billing
138	Contact Name at the Delivery Address - format maximum size X(35)
139	Style - format X(15). Code describing the style of the article ordered, where the product code is not sufficient
140	Department Code - format X(4). Company's own department code
141	Colour Description of the Product - format X(35)
142	Size
143	Total Order Value - format 9(15)
144	House of Fraser Season Code - format X(1)
145	Customer's Telephone Number - format X(25) *INCREASED FROM 9(10)*

<u>Code</u>	<u>Application</u>
146	<p>Documentation Requirements - This is specific to B&Q as it is a concatenated set of data, the detail of which is separated by a comma as a field separator. Data will be sent in the following order:</p> <ul style="list-style-type: none"> - No. of Invoice Copies V 9(2) - No. of Packing List Copies V 9(2) - No. of GSP Form A V 9(2) - No. of Certificates of Origin V 9(2) - No. of Specification Sheets V 9(2) - No. of Inspection Certificates V 9(2) - No. of Clean 'Shipped on Board' B/L V 9(2) - No. of CMR V 9(2) - No. of Proof of Delivery Documents V 9(2) - No. of Days Before ETA Documents Must Arrive V 9(2) <p>If there is no data, the field will have a '0' between the commas</p>
147	<p>Letter of Credit Details - This is a concatenation of the:</p> <ul style="list-style-type: none"> - Letter of Credit No. - format V X(11) - Letter of Credit Opened Date - format F 9(6) - Letter of Credit Expiry Date - format F 9(6)
148	<p>Shipment Details - This is a concatenation of the:</p> <ul style="list-style-type: none"> - Shipment Estimated Date of Departure - format F 9(6) - Shipment Estimated Date of Arrival - format F 9(6)
149	<p>Schedule for the delivery of an order line. A concatenated field used to specify, as a string of data, the required date 9(6), and the required quantity. The required quantity is split into three sub-elements; the number of traded units 9(15), the total measure 9(10)V9(3) and the measure indicator X(6). The quantity fields become fixed length fields as there are no separator characters.</p>
150	<p>Supplying Branch Telephone Number The telephone number of the supplier's retail outlet, up to 9(11) (UK).</p>
151	<p>Vehicle Description: Text description of the vehicle. X(40)</p>
152	<p>Client's reference for the vehicle X(40).</p>
153	<p>VIN - Vehicle identity X(40).</p>
154	<p>Type of invoice indicator: Used by Fleetnet to indicate the type of service invoiced as each has separate processing rules. Codes for this agreed and maintained by the Fleetnet community.</p>
155-164	<p>British Coal billing requirements</p>
155	<p>*Coal or Coke Invoice indicator: format 9(1). Has the following values 1 = Coal, or 2 = Coke.* Haulier Code: format X(3)</p>

<u>Code</u>	<u>Application</u>
156	Invoice or Adjustment Type: format 9(1) British Coal code list. Values are: 1 = Current Month Invoice 2 = Previous Month Supplementary Invoice Debit 3 = Previous Month Supplementary Invoice Credit 4 = Debit or Credit Adjustment 5 = Weekly Invoice 6 = Weekly Supplementary Invoice Debit 7 = Weekly Supplementary Invoice Credit 8 = Weekly Interim Invoice
157	Invoice Location Code: Format V X(13) British Coal location to which queries should be addressed
158	Consignee Name: Format X (40), Name of consignee. This may not be the same as the destination name
159	Destination Name: Format X (40), Name of destination
160	Method of Transport: Format X (2), British Coal codes RD = Road, RL = Rail, CN = Canal, OM = Other Methods
161	Customer code for consignee; Format X (14); Code allocated by customer
162	Method of Loading: Format X (3); British Coal code
163	BACS Reference: Format X (15): Reference allocated by BACS to a payment. Used in conjunction with Remittance Advices
164	Advice Note Number: Format X (20)
165	Depot Code
166	Customer's fax number, format 9(10)
167	Customer's location telephone number, 9(10)
168	Customer's location order reference, X(20)
169	Inventory Manager's telephone number, 9(10)
170	Invoicing instructions - text, X(40)
171	Product inscription, X(40)
172	Sender's Contact Name
173	Sender's Contact Telephone Number, Format 9(10)
174	Payment Method, Use bank standard codes
175	Payment Date, 9(6) YYMMDD. Date payment was transferred, if electronic, or will be raised if a cheque
176	Payment Reference, X (17), the number of the cheque or payment order
177	Driver's Name, X (40)
178	Months in service, 9(2), The number of months since the vehicle was taken onto a leasing scheme
179	Charge Type, Code given to define the type of charge, eg Contract Hire, Lease Rental etc.
180	Charge Period. Period to which a charge relates
181	Charge Comment X(40) Additional text information relating to the charge.
182	Concatenated Order Level Totals The totals to be separated by commas Format: 9(3)V9(3), 9(10)V9(2), 9(10)V9(2) Totals to appear in the order: Total Cubic Metres; Total Unit Cost; Total Cost

<u>Code</u>	<u>Application</u>
183	Final Delivery Indicator, Format: X(1) Value: 'Y' or 'N'
184	Serial Shipping Container Code, Format: 9(18) To identify individual pallets delivered
185	Number of Cases, Format: 9(5) To show number of cases on an individual pallet, which may differ from the standard number given in the original order
186	Date when available, Format: 9(6)
187	Substitute available marker, Format: X(1) Value: 'Y' or 'N'
188	Pressurised Systems Legislation: to indicate items for 2 to 7 bar use
189	Pressurised Systems Legislation: to indicate items for use below 2 bar
190	Cause of problem code The Registered Text field following the code can be used to insert the actual cause of the problem. Format X(40)
191	Contractor's Name The name of the contractor who has completed the work on a vehicle which is then being invoiced to a contract hire company and then re-invoiced to the operating company.
192	Contractor's Town Town where the work was carried out
193	Voucher Date Date on which the Fleetcard Voucher was completed. Format: 9(6) YYMMDD
194	Transaction Reference Reference relating to the original work carried out
195	Amended line code Generic code to identify the field(s) which have been amended, ie. change in quantity or price, on an Order or Complex Order amendment message. To aid automatic processing of messages received. The Registered Text field following the code to be used to detail the amendment in plain text for manual processing
196	Total Ordered Lines Product lines called off on Picking List Format: 9(10)
197	Total Ordered Quantity Quantity called off on Picking List Format: 9(15)
198	Total Received Lines Product lines booked in at warehouse. Format: 9(10)
199	Total Received Quantity Quantity booked in at warehouse Format: 9(15)
200	In-store price Selling price of an item when this differs from the recommended or marked price. Format 9(10)V9(4)

<u>Code</u>	<u>Application</u>
201	Gross Profit Percentage Percentage difference between the in-store price and the net cost from the supplier. Format 9(3)V9(3)
202	Best Before End Date (Supplementary Product Data) Format 9(6) YYMMDD
203	Reason for Shortage Code
204	Debit Note Number
205	Fleet Card Number
206	Invoice Line Reference To hold a consumer's or dealer's reference at line level on an invoice Format X(35) variable length
207	Insured's Name The name of the insured party (which may be different to the driver of the vehicle)
208	Third Party's Name The name of any third party involved with the incident
209	Invoice for Period From Format YYMMDD
210	Invoice for Period To Format YYMMDD
211	Corporate Indicator Indicates whether an order has been placed by a corporate customer or an individual Format X(40)
212	Carrier Identity Identifies the carrier of the products ordered by name and/or number Format X(40)
213	Due Date for Pickup To inform the supplier and the carrier of the date by which pickup should have occurred Format 9(6) YYMMDD
214	`Please quote this message on all documents' Used to include a line of text which must be printed by the recipient on any subsequent documentation sent back to the originator of the EDI message. Format X(40)
215	Customer Brand Number Format X(40)
216	Product Division Number Format X(40)
217	Delivery Cycle The time of day in which the depot will deliver the stock to the stores. Suggested values `AM' or `PM' Format X(10)
218	Number of Pallets The total number of pallets on the vehicle Format 9(15)

- 219 Vehicle Seal Number
Format X(40)
- 220 Special Delivery Instructions
To indicate whether pre-booking is required
Format X(40)
- 221 Delivery Note Number
To reference the relevant Delivery Note
Format X(17)
- 222 Customer's Own Article Number
Where a delivery/uplift is a relationship between a carrier and a retailer/manufacturer, this element pertains to the article ordered from the retailer/manufacturer by the end customer.
- 223 Collection Time
Format 9(4) - HHMM
- 224 Usual Delivery Point
Used to indicate whether a product is delivered by the supplier into the store or into the central warehouse.
Suggested values 'S' store delivery, 'W' warehouse delivery.
Format X(40)
- 225 Energy Supply Zero Rated
Reason for zero rate given in format X(40)
Suggested values 'P' prepaid, 'L' low consumption
- 226 Packaging Reference
To identify the reference number of the parcel or package into which the line item should be packed.
Format X(17).
- 227 Destination Code
Indicates that a delivery line is intended for a specific final destination, so cannot be allocated to another destination by the depot.
Format X(3)
- 228 Temperature Regime
Indicates the temperature, or temperature range, at which the goods must be stored and handled.
Format X(3)
Suggested temperature range codes are as follows:
C - Cold Chain (between 0 and 10 C)
A - Ambient
- 229 Delivery Line Number
Additional reference for a line on a Delivery Notification. Used to track goods sent via transshipment locations. The lines may not be split at the consolidation depot.
Format 9(3)
- 230 Additional Order Specifications
Additional specific indication of the type of order, the reason for the order, or special service requirements, where these aspects are not covered by industry code lists.
Format X(40)

- 231 Special processing Instruction
Defines a process to be applied to a product before despatch. Used in the book trade to cover processing by library suppliers, when industry code lists do not exist.
- 232 Customer Delivery Reference
The booking reference for the customer
Format X(17)
- 233 Delivery Time
Format 9(4) - HHMM
- 234 Number of Vehicles
Format 9(2)
- 235 Substitution Items DUN-14 Code
Used for traded units identified by a DUN-14 Code
Format 9(14)
- 236 Production Week Number
Indicates the calendar week that the product will be produced.
Format 9(3)
- 237 Destination Country
Use the ISO country code list 3166
Format X(3)
- 238 Deal Number
Unique identifier of a deal
Format X(17)
- 239 Project Number
Unique identifier of a promotional project
Format X(17)
- 240 Incentive Value
Value of the incentive as an amount or a percentage (used with RTECH 241)
Format 9(10)V9(4)
- 241 Incentive Type
Description of type of incentive eg. free gift, buy 10 get 1 free, 10% extra etc.
Format X(40)
- 242 Agreed Capacity (Electricity Supply)
Maximum supply capacity agreed between Host REC and customer within the customer connection agreement.
Format 9(6)
- 243 KW Monthly Maximum (Electricity Supply)
Maximum KW demand recorded in a monthly period. Usually required during the Host REC's 'peak' period (typically November to February).
Format 9(6)
- 244 KVA Monthly Maximum (Electricity Supply)
Maximum KVA demand recorded within the Host REC's 'peak' period (typically November to February)
Format 9(6)
- 245 Supply Monthly Maximum (Electricity Supply)
Maximum demand within the period covered by the DUoS bill
Format 9(6)

- 246 Agreed Minimum Chargeable Capacity (Electricity Supply)
Minimum supply capacity (for availability charge), agreed between Host REC
and customer within the customer connection agreement.
Format 9(6)
- 247 Months To Run of Minimum Chargeable Capacity Agreement
Format 9(2)
- 248 Portion Of Month (in 30ths) Covered By This Bill
Format 9(2)
- 249 Special Labelling Requirement
To advise suppliers of special labels or tickets which must be affixed to the goods
being supplied
Format X(40)
- 250 Returnable Container
Used to identify the type of returnable container e.g. tray in which the goods are
delivered, stored or transported
Format X(40)
- 251 Third Party Delivery Reference
Original delivery reference for goods movements between a supplier and a third
party such as a haulier or consolidator
Format X(17)
- 252 Third Party Order Reference
Original order reference for goods supplied via a haulier or consolidator
Format X(17)
-

ANA Standard Code Values - List 25

TRANSACTION PLANNING STATUS

Appears in DELIVR and UPLIFT messages when a delivery or uplift is planned. Used in element TPST, segment DEL for transaction type Code = 0630, and in segment UPL for transaction type Code = 0910.

A	=	New Delivery/Uplift
B	=	Delivery/Uplift Adjustment
C	=	Delivery/Uplift Cancellation
D	=	Delivery/Uplift to be negotiated

ANA Standard Code Values - List 26

DELIVERY/UPLIFT ACTION DETAILS

Used in data element DUAC - Delivery/Uplift Action Details, which appears in DLCDET and UCNDDET messages, in segments DST, DCD, UST and UCD

R	=	Rebook
C	=	Cancel

ANA Standard Code Values - List 27

REPORT PERIOD BASE - RTRS

Appears in PPRDET and LPRDET messages in segment SFR

This code list is also reference in data element Bill Frequency Code - BIFR in thhe UTLBIL message

H	=	Each working hour
D	=	Working day
W	=	Weekly
F	=	Fortnightly
L	=	4 week period (Lunar Month)
M	=	Monthly (Calendar Month)
B	=	Every two months
Q	=	Quarterly
S	=	6 month period
A	=	Annual
Z	=	Bilaterally agreed

ANA Standard Code Values - List 28

LOCATION ACTIVITY INDICATOR - LOCA

Appears in PPRDET message in segment PLO, to indicate why a location is inactive and not included in a particular message. If it is not used, then data from that location should be in the report.

<u>Code</u>	<u>Reason for "inactivity"</u>
1.	Location is unable to return information
2.	Location is temporarily closed (eg. holidays)
3.	Location has changed its identity
4.	Location has ceased trading

ANA Standard Code Values - List 29

REPORT FUNCTION INDICATOR - REPU

Appears in PPRDET and LPRDET messages in segment SFR to indicate the data content within the report.

AFC	-	Actual forecast
BFC	-	Base forecast
CON	-	Consumption
CST	-	Costs
DEL	-	Deliveries (Received)
DES	-	Despatches (Sent)
EXP	-	Expenditure
ORD	-	Orders
OTH	-	Other
PRD	-	Production
PUP	-	Promotional Uplift
REV	-	Revenue
RTN	-	Returns
SAL	-	Sales
STC	-	Stock Cover
STK	-	Stock
SUP	-	Seasonal Uplift
YTS	-	Year to Date Sales

ANA Standard Code Values - List 30

STORAGE MEDIUM CODE - SMCO

Appears in PROINF message in segment STD

<u>Package type names</u>	<u>Coded representations</u> <u>Alphabetical code</u>
Aerosol	AE
Ampoule, non-protected	AM
Ampoule, protected	AP
Atomizer	AT
Barrel	BA
Bobbin	BB
Bottlecrate, bottlerack	BC
Board	BD
Bundle	BE
Balloon, non-protected	BF
Bag	BG
Bunch	BH
Bin	BI
Bucket	BJ
Basket	BK
Bale, compressed	BL
Bale, non-compressed	BN
Bottle, non-protected, cylindrical	BO
Balloon, protected	BP
Bottle, protected cylindrical	BQ
Bar	BR
Bottle, non-protected, bulbous	BS
Bolt	BT
Butt	BU
Bottle, protected, bulbous	BV
Box	BX
Board, in bundle/bunch/truss	BY
Bars, in bundle/bunch/truss	BZ
Can, rectangular	CA
Beer crate	CB
Churn	CC
Creel	CE
Coffer	CF
Cage	CG
Chest	CH
Canister	CI
Coffin	CJ
Cask	CK
Coil	CL
Container	CN
Carboy, non-protected	CO

<u>Package type names</u>	<u>Coded representations</u>	<u>Alphabetical code</u>
Carboy, protected		CP
Crate		CR
Case		CS
Carton	CT	
Cup		CU
Cover		CV
Can, cylindrical		CX
Cylinder		CY
Canvas	CZ	
Demijohn, non-protected		DJ
Demijohn, protected		DP
Drum		DR
Envelope		EN
Fruit crate		FC
Framed crate		FD
Firkin		FI
Flask		FL
Footlocker		FO
Filmpack		FP
Frame		FR
Gas bottle		GB
Girder	GI	
Girders, in bundle/bunch/truss	GZ	
Hogshead		HG
Hamper		HR
Ingot		IN
Ingots, in bundle/bunch/truss	IZ	
Jar		JR
Jerrican, rectangular		JC
Jug		JG
Jutebag	JT	
Jerrican, cylindrical		JY
Keg		KG
Layer		LA
Log		LG
Logs, in bundle/bunch/truss		LZ
Multiply bag		MB
Milk crate		MC
Multiwall sack	MS	
Mat		MT
Match box		MX
Unpacked or unpackaged		NE
Nest		NS
Net		NT
Packet	PA	
Parcel		PC
Pallet		PE
Plate		PG

<u>Package type names</u>	<u>Coded representations</u>	<u>Alphabetical code</u>
Pitcher	PH	
Pipe		PI
Package		PK
Pail		PL
Plank		PN
Pouch		PO
Pot		PT
Tray		PU
Tray pack		PU
Plates, in bundle/bunch/truss	PY	
Pipes, in bundle/bunch/truss	PZ	
Planks, in bundle/bunch/truss	PZ	
Rod		RD
Ring		RG
Reel		RL
Roll		RO
Rednet	RT	
Rods, in bundle/bunch/truss		RZ
Sack		SA
Shallow crate		SC
Spindle	SD	
Sea-chest		SE
Stillage	SG	
Sachet		SH
Skeleton case		SK
Slipsheet		SL
Sheetmetal		SM
Sheet		ST
Suitcase		SU
Shrinkwrapped	SW	
Sheets, in bundle/bunch/truss	SZ	
Tub		TB
Tea-chest		TC
Collapsible tube		TD
Tube, collapsible		TD
Tank, rectangular		TK
Tin		TN
Tun		TO
Trunk		TR
Truss		TS
Tube		TU
Tank, cylindrical		TY
Tubes, in bundle/bunch/truss	TZ	
Vat		VA
Bulk, gas (at 1031 mbar and 15 C)		VG
Vial		VI
Bulk, liquid		VL
Bulk, solid, large particles ("nodules")	VO	

<u>Package type names</u>	<u>Coded representations</u> <u>Alphabetical code</u>
Vacuumpacked	VP
Bulk, liquefied gas (at abnormal temperature/pressure)	VQ
Bulk, solid, granular particles ("grains")	VR
Bulk, solid, fine particles ("powders")	VY
Wickerbottle	WB

ANA Standard Code Values - List 31

CURRENCY CODE used in data element CUIN which appears in segment BDT in PAYHDR, DRAHDR, CRAHDR and EXCHDR

Also used in a sub-element of QPER in the SFS segment in LRPDET and PPRDET messages

ATS	-	Austria, Schillings
BEC	-	Convertible Belgian Francs
BEF	-	Belgium, Franc
CHF	-	Switzerland, Franc
DEM	-	Germany, Mark
ESB	-	For Payments out of Spain
ESP	-	Spain, Peseta
FRF	-	France, Franc
GBP	-	Great Britain, Pound
IEP	-	Ireland, Punt
ITL	-	Italy, Lira
LUF	-	Luxembourg, Franc
NLG	-	Netherlands, Gilder
PTE	-	Portugal, Escudo
USD	-	United States, Dollar
USN	-	US Dollar, Next Day Funds
USS	-	US Dollar, Same Day Funds

ANA Standard Code Values - List 32

DISCOUNT TYPE - DTYP

DTYP appears in INVOIC message in segment CIA and in PRIINF message in segment DSD

A	=	Special Allowance
B	=	Basic
Q	=	Quantity
V	=	Value

ANA Standard Code Values - List 33

REASON FOR REJECTION - RCOD

Appears in CAKDET message, segment RSN

- | | | |
|----|---|--|
| 01 | - | Cannot identify article number or title from barcode |
| 02 | - | Cannot identify the issue |
| 03 | - | Second claim for issue in this transmission |
| 04 | - | Claim too early |
| 05 | - | Claim too late |
| 06 | - | No SOR for this issue |
| 07 | - | Maximum claim exceeded |
| 08 | - | EDI claim not valid for this issue |
| 09 | - | Issue not supplied to house |
| 10 | - | Issue not handled by publisher/distributor |
| 11 | - | Claim for warehouse overs already received |
| 99 | - | Free Format |
-

ANA Standard Code Values - List 34

ACKNOWLEDGEMENTS CODE - ACDE

Appears in CAKDET message, segment CRC

- | | | |
|----|---|---|
| 01 | - | All claims rejected, customer location wrong |
| 02 | - | All claims rejected, customer reference wrong |
| 03 | - | All claims rejected, claims total sub trailer wrong |
| 04 | - | All claims rejected, house claims totals wrong |
| 05 | - | All claims accepted |
| 06 | - | Some rejections details follow |
-

ANA Standard Code Values - List 35

AUTHORISATION METHOD - AUTT

Appears in EFDDET message in segment NTP. The method by which the authorisation code was obtained.

- | | | |
|---|---|--|
| 0 | = | by the terminal, eg. below the floor limit |
| 1 | = | On-line to authorisation centre |
| 2 | = | Voice to authorisation centre |
-

ANA Standard Code Values - List 36

RETAILER BATCH CONTROL DETAILS - REPN.

Appears in EFTDET message in segment NBG. The method by which the EFTPOS transactions have been batched.

- | | | |
|----|---|--------------------|
| 10 | = | Electronic |
| 12 | = | Terminal Recovery |
| 14 | = | Fall Back Vouchers |
-

ANA Standard Code Values - List 37

UPDATE TYPE - UDAT. Appears in HOTDET message in segment NHD. Indicates whether the Hot card data is to be inserted or deleted.

- | | | |
|---|---|---------|
| 0 | = | Insert |
| 1 | = | Delete |
| 2 | = | Replace |
-

ANA Standard Code Values - List 38

NATURE OF HOT CARD - NOHC

Appears in HOTDET message in segment NOH. Identifies the type/size of Hot Card File used for the transaction.

- | | | |
|---|---|-------------|
| 0 | = | none |
| 1 | = | paper |
| 2 | = | switch 400 |
| 3 | = | switch 8000 |
-

ANA Standard Code Values - List 39

TRANSACTION SOURCE - TSCR

Appears in EFTDET message in segment NTP.

00	=	Off-line key entry
01	=	Mail order - telephone
02	=	PIN verified on-line
03	=	PIN verified off-line
04	=	Signed voucher - mag stripe captured
05	=	Signed voucher - keyed at POS
06	=	Unattended device without PIN
07	=	PIN verified transaction recovered after sale
08	=	Terminal recovery keyed by acceptor
09	=	Terminal recovery keyed by acquirer

ANA Standard Code Values - List 40

EFT TRANSACTION TYPE - EFTT

Appears in EFTDET message in segment NTP

Defines the nature of the transaction performed

0	=	Purchase
1	=	Purchase with gratuity
2	=	Cash
3	=	Purchase with cash
4	=	Payment
5	=	Refund
6	=	Supplement
9	=	Cancelled transaction

ANA Standard Code Values - List 41

UTILITY CLASSIFICATION CODE - CODE

Appears in UTLHDR version 1 in segment REF

C	=	Contract customer
T	=	Tariff customer

THIS CODE NO LONGER REQUIRED IN VERSION 2

ANA Standard Code Values - List 42

BILL TYPE CODE - BTCD

Appears in UTLBIL in segment BCD

A	=	Amended bill
F	=	Final bill - last bill when an account is closed
N	=	Normal bill
I	=	Interest bill
R	=	Reconciliation bill
P	=	Prepaid
O	=	Information only - not used in calculations

ANA Standard Code Values - List 43

CONSUMPTION / CHARGE INDICATOR - CCDE

Appears in UTLBIL in segment CCD

1	=	Consumption only
2	=	Combined consumption and charge
3	=	Charge only (consumption-based)
4	=	Charge only (fixed)
5	=	Readings for information only

ANA Standard Code Values - List 44

READING DATA TYPE - PRRD

Appears in UTLBIL in segment CCD

00	=	Normal Reading - Default Value
01	=	Estimated (manual) Reading
02	=	Estimated (computer) Reading
03	=	Removed Meter Reading
04	=	Customer's Own Reading
05	=	Computer Reading
06	=	Exchange Meter Reading
07	=	Corrector Meter Reading
08	=	No Reading Available
09	=	Third Party Normal Reading
10	=	Third Party Estimated (manual) Reading
11	=	Third Party Estimated (computer) Reading
12	=	Reading for Information Only

ANA Standard Code Values - List 45

ACTION CODE - ACTN

Appears in CAKDET message, in segment RSN

01	=	No action
02	=	Resubmit electronically, if possible
03	=	Resubmit manually
04	=	Processed manually
05	=	Held pending for future processing
06	=	Contact supplier for advice
99	=	No advice

ANA Code Values - List 46

REASON CODE - REAS

<u>Code</u>		<u>Description</u>
001	=	Temporary closure
002	=	Permanent closure
003	=	Change of ownership
004	=	Correction of previous

ANA Code Values - List 47

FUNCTION/TYPE INDICATOR - FUNC

<u>Code</u>		<u>Description</u>
001	=	Delivery to
002	=	Invoice to
003	=	Order from
004	=	Statement to
005	=	Transmission Point
006	=	Payment from
007	=	Uplift from
008	=	Transshipment point
009	=	Selling Point

ANA Code Values - List 48

DATE ATTRIBUTE CODE - DATT

<u>Code</u>		<u>Description</u>
001	=	Open for trading
002	=	Closed for trading
003	=	Holiday
004	=	Deliveries accepted
005	=	Orders made/taken
006	=	Enquiries accepted

ANA Code Values - List 49

FREQUENCY/SCHEDULE - fourth sub-element of data element DATT in segment LDE in LOCINF.

<u>Code</u>	<u>Description</u>
C	= Combined - values from the list are concatenated eg for a schedule on three days per week: C135 = Monday, Wednesday and Friday; CF1 = Fortnightly on Monday. In this case, 'C' must always be the first character in the code.
H	= Hourly
D	= Daily
W	= Weekly
F	= Fortnightly
L	= 4 Weekly Period (Lunar Month)
M	= Monthly (Calendar Month)
B	= Every Two Months
Q	= Quarterly
1	= Monday
2	= Tuesday
3	= Wednesday
4	= Thursday
5	= Friday
6	= Saturday
7	= Sunday
A	= AM
P	= PM

Code Values List 50

TIME ATTRIBUTE CODE - TIME

<u>Code</u>	<u>Description</u>
001	= Booking in time (for delivery)
002	= Opening times
003	= Lunch break
004	= Delivery times
005	= Ordering times
006	= Uplift times
007	= Enquiry times

Code Values List 51

LOCATION ATTRIBUTE CODE - LATT

<u>Code</u>		<u>Description</u>
001	=	Retail Outlet
002	=	Public House
003	=	Off Licence
004	=	Hotel
005	=	Newsagent
006	=	Warehouse
007	=	Bonded Store
008	=	Head Office
009	=	Restaurant
010	=	Forecourt
011	=	In-store Retail Outlet
012	=	Booking In Required
013	=	Sub-Post Office
014	=	EPOS Tills
015	=	Home Delivery

ANA Code Values - List 52

VALUE/MEASUREMENT CODE used in data element LVAL which appears in segment LDE in LOCINF.

<u>Code</u>		<u>Description</u>
001	=	Floor Area
002	=	Display Area
003	=	Storage Area
004	=	number of Rooms
005	=	Number of Tills/Lanes
006	=	Poster Sites
007	=	Maximum Load-bearing Weight
008	=	Maximum Storage Height

ANA Code Values - List 53

TYPE OF CHANGE used in data element TYPC in segment NIN in LOCINF and NOI in CUSINF, PROINF and PRIINF.

<u>Code</u>		<u>Description</u>
001	=	ADD
002	=	AMEND
003	=	DELETE
004	=	REPORT
005	=	REFRESH (complete report including some changes since the last transmission)
006	=	REACTIVATE
007	=	DEACTIVATE

ANA Code Values - List 54

AVAILABILITY STATUS CODE used in data element DNAC in segments DNA, DNB or DNC in Book Trade messages.

<u>Code</u>		<u>Description</u>
001	=	XXX

ANA Code Values - List 55

ORDER ACTION CODE used in data element DNAC in segments DNA, DNB or DNC in Book Trade messages.

<u>Code</u>		<u>Description</u>
001	=	XXX

ANNEX 1
DATA NARRATIVE SEGMENTS

CONTENTS

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1. INTRODUCTION

Data Narrative segments have been developed as an optional component of the TRADACOMS messages in response to a demand from users for the inclusion of text related data fields.

The principle of EDI, embodied by the TRADACOMS standards, is to allow fully automatic processing of data interchanged by trading partners. However, it is recognised that some users believe that provision for unprocessable textual data, either as free-form narrative or preferably by reference to coded predefined text, is necessary in certain circumstances.

To meet this demand, data narrative segments have been included to provide a flexible means of accommodating such data.

There are five data narrative segments: DNA, DNB, DNC, DND and RNB, which may appear at different levels in a message. These are reproduced at the end of this Annex. Their contents are described in Section 3 below.

2. PRINCIPLES OF USE

There are some important principles which should be observed by users of the Data Narrative facility.

- i) The segment is **entirely optional**, i.e. always conditional in status and should only be used if the message format in question cannot accommodate, in its dedicated segments and elements, the data required. Data included in the segment, particularly free format text, may not be easily processable by the recipient's system.
- ii) Provision has been made for the segment to appear in the TRADACOMS files at various levels i.e.
 - In the Header Message
 - In the Details Message at transaction level e.g. associated with the order number, invoice number etc.
 - At line level i.e. associated with a given product line.

Because of the different locations in the file at which the segment may be used, the segment may appear just once, or may be repeated, and may be nested i.e. repeating with respect to a previous segment.

3. CONTENTS OF DATA NARRATIVE SEGMENT

3.1 Data Narrative Code (DNAC)

The Data Narrative Code data element allows users to reference a previously defined and mutually agreed code list. One example of this type of list is the ANA Standard Code Values List 22.

The code list would be maintained by the users or by an industry body.

3.2 Registered Text (RTEX)

The Registered Text data element was previously available in many TRADACOMS messages within the line details segment, but has now been transferred to the Data Narrative Segment.

This element allows the user to register a code with the ANA which authorises the use of an associated sub-element to contain variable data or a predefined application. Up to four codes with their associated data, or four fields of data associated with the same application code may be used.

3.3 General Narrative (GNAR)

The General Narrative data element allows up to four lines (sub elements) of free form text or data to be interchanged. Each line may be up to 40 characters in length.

4. IMPORTANT NOTE

It cannot be stressed too strongly that the Data Narrative Segment should only ever be used where the data to be interchanged is essential to the interchange and cannot be accommodated elsewhere in the message format.

Text or unstructured data cannot easily be processed automatically, and to interchange data in this form is to undermine the key principle of electronic data interchange.

The first course of action for any user with a query or problem concerning use of the TRADACOMS standards is to contact the ANA Secretariat.

The Message Development Group regularly reviews the TRADACOMS messages, and is always willing to discuss accommodating new applications by expansion or updating of the standards. The procedure for initiating such changes is detailed in Volume One, Section A.

Use of the Data Narrative segments always demands a high degree of user responsibility and community co-ordination to ensure that data content does not become ambiguous.

DNA: DATA NARRATIVE

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	
DNA	=		DATA NARRATIVE	C				
			SEQA	First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 1st level repeat.
		+	DNAC	Data Narrative Code	C			Standard data narrative previously defined and agreed by the sender and receiver.
				Code Table Number	C	V	9(4)	Number of relevant code list.
				Code Value	C	V	X(3)	Code value from code list.
		+	RTEX	Registered Text	C			Essential text, where not provided for by specific fields may be communicated using this element. Application codes to define the function of the text must be registered with the ANA prior to use. The same application code may be repeated up to four times, or up to four different codes may be used.
First Registered Application Code	C			V	X(3)			
Application Text	C			V	X(40)			
Second Registered Application Code	C			V	X(3)			
Application Text	C			V	X(40)			
Third Registered Application Code	C			V	X(3)			
Application Text	C			V	X(40)			
Fourth Registered Application Code	C	V	X(3)					
Application Text	C	V	X(40)					
+	GNAR	General Narrative	C			Narrative covering information which cannot be sent in a coded form i.e. RTEX/DNAC. This is likely to preclude automatic processing.		
		General Narrative Line 1	C	V	X(40)			
		General Narrative Line 2	C	V	X(40)			
		General Narrative Line 3	C	V	X(40)			
		General Narrative Line 4	C	V	X(40)			

DNB: DATA NARRATIVE

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS		
DNB	=		DATA NARRATIVE	C					
			SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested.	
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 2nd level repeat.	
		+	DNAC		Data Narrative Code	C			Standard data narrative previously defined and agreed by the sender and receiver. Number of relevant code list. Code value from code list.
					Code Table Number	C	V	9(4)	
				:	Code Value	C	V	X(3)	
		+	RTEX		Registered Text	C			Essential text, where not provided for by specific fields may be communicated using this element. Application codes to define the function of the text must be registered with the ANA prior to use. The same application code may be repeated up to four times, or up to four different codes may be used.
	First Registered Application Code			C	V	X(3)			
:	Application Text			C	V	X(40)			
:	Second Registered Application Code			C	V	X(3)			
:	Application Text			C	V	X(40)			
:	Third Registered Application Code			C	V	X(3)			
:	Application Text			C	V	X(40)			
:	Fourth Registered Application Code	C	V	X(3)					
:	Application Text	C	V	X(40)					
+	GNAR		General Narrative	C			Narrative covering information which cannot be sent in a coded form i.e. RTEX/DNAC. This is likely to preclude automatic processing.		
			General Narrative Line 1	C	V	X(40)			
		:	General Narrative Line 2	C	V	X(40)			
		:	General Narrative Line 3	C	V	X(40)			
		:	General Narrative Line 4	C	V	X(40)			

DNC: DATA NARRATIVE

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	
DNC	=		DATA NARRATIVE	C				
			SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested.
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Takes the value of SEQB in the preceding segment with which this segment is nested.
		+	SEQC	Third Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 3rd level repeat.
		+	DNAC	Data Narrative Code	C			Standard data narrative previously defined and agreed by sender and receiver. Number of relevant code list. Code value from code list.
				Code Table Number	C	V	9(4)	
		:		Code Value	C	V	X(3)	
		+	RTEX	Registered Text	C			Essential text, where not provided for by specific fields may be communicated using this element. Application codes to define the function of the text must be registered with the ANA prior to use. The same application code may be repeated up to four times, or up to four different codes may be used.
	First Registered Application Code	C		V	X(3)			
:	Application Text	C		V	X(40)			
:	Second Registered Application Code	C		V	X(3)			
:	Application Text	C		V	X(40)			
:	Third Registered Application Code	C		V	X(3)			
:	Application Text	C		V	X(40)			
+	GNAR	General Narrative	C			Narrative covering information which cannot be sent in a coded form i.e. RTEX/DNAC. This is likely to preclude automatic processing.		
		General Narrative Line 1	C	V	X(40)			
:		General Narrative Line 2	C	V	X(40)			
:		General Narrative Line 3	C	V	X(40)			
:		General Narrative Line 4	C	V	X(40)			

DND: DATA NARRATIVE

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	
DND	=		DATA NARRATIVE	C				
			SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested.
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Takes the value of SEQB in the preceding segment with which this segment is nested.
		+	SEQC	Third Level Sequence Number	M	V	9(10)	Takes the value of SEQC in the preceding segment with which this segment is nested.
		+	SEQD	Fourth Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 4th level repeat.
		+	DNAC	Data Narrative Code	C			Standard data narrative previously defined and agreed by the sender and receiver. Number of relevant code list Code value from code list
				Code Table Number	C	V	9(4)	
		:		Code Value	C	V	X(3)	
+	RTEX	Registered Text	C			Essential text, where not provided for by specific fields may be communicated using this element. Application codes to define the function of the text must be registered with the ANA prior to use. The same application code may be repeated up to four times, or up to four different codes may be used.		
		First Registered Application Code	C	V	X(3)			
:		Application Text	C	V	X(40)			
:		Second Registered Application Code	C	V	X(3)			
:		Application Text	C	V	X(40)			
:		Third Registered Application Code	C	V	X(3)			
:		Application Text	C	V	X(40)			
:		Fourth Registered Application Code	C	V	X(3)			
:	Application Text	C	V	X(40)				
+	GNAR	General Narrative	C			Narrative covering information which cannot be sent in a coded form i.e. RTEX/DNAC. This is likely to preclude automatic processing.		
		General Narrative Line 1	C	V	X(40)			
:		General Narrative Line 2	C	V	X(40)			
:		General Narrative Line 3	C	V	X(40)			
:		General Narrative Line 4	C	V	X(40)			

RNB: DATA NARRATIVE (Used where a second appearance of the data narrative facility is needed at a nested level in the same message)

SEGMENT			DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS
RNB	=				DATA NARRATIVE (RETURNS)	C			
			SEQA		First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 1st level repeat.
		+	SEQB		Second Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each 2nd level repeat.
		+	DNAC		Data Narrative Code	C			Standard data narrative previously defined and agreed by the sender and receiver.
				: Code Table Number	C	V	9(4)	Number of relevant code list.	
				: Code Value	C	V	X(3)	Code value from code list.	
		+	RTEX		Registered Text	C			Essential text, where not provided for by specific fields may be communicated using this element. Application codes to define the function of the text must be registered with the ANA prior to use. The same application code may be repeated up to four times, or up to four different codes may be used.
	: First Registered Application Code	C		V	X(3)				
	: Application Text	C		V	X(40)				
	: Second Registered Application Code	C		V	X(3)				
	: Application Text	C		V	X(40)				
	: Third Registered Application Code	C		V	X(3)				
	: Application Text	C		V	X(40)				
	: Fourth Registered Application Code	C	V	X(3)					
	: Application Text	C	V	X(40)					
+	GNAR		General Narrative	C			Narrative covering information which cannot be sent in a coded form i.e. RTEX/DNAC. This is likely to preclude automatic processing.		
		: General Narrative Line 1	C	V	X(40)				
		: General Narrative Line 2	C	V	X(40)				
		: General Narrative Line 3	C	V	X(40)				
		: General Narrative Line 4	C	V	X(40)				

ANNEX 2
INTEGRITY CHECKING

CONTENTS

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2.1 INTRODUCTION

Companies using, or considering using, EDI require reassurance about the completeness and security of the transmissions they will receive and automatically process. Good EDI standards and syntaxes include facilities which allow users to reconcile the information received before they process. It is good business practice to use these facilities as they address the concerns of auditors, managers and others about the security, integrity and control of electronic communications.

The ANA strongly recommends that these facilities are used for ALL EDI transactions.

The ANA also recommends that the audit and security facilities offered by EDI service providers should be understood and exploited to provide additional levels of control and assurance.

Users should check with trading partners how the SNRF is made unique and ensure that appropriate tests are implemented. SNRF is generally held to be solely under the senders control and is used to track the progress of all transmissions. The check would be made for uniqueness of transmissions from this particular trading partner.

2.2 THE RECONCILIATION MESSAGE

The Reconciliation Message (RSGRSG) was designed in 1986/7 in response to user experience that it was possible to embed a second transmission within the first. At that time, it was not possible to amend the UN maintained syntax segment END. The solution developed was a simple message RSGRSG which is sent as the last message in a transmission before the END segment. The message contains the address of the recipient and the transmission reference. It is matched against those held in the STX (start of transmission) segment. If these do not match, then the sender has inadvertently embedded a second STX (ie. a second transmission) within it. Users should indicate that they are using this facility by using ANAA in the STDS data element in STX.

2.3 FILE STRUCTURE (MESSAGES AND SEGMENTS)

Objective: To ensure the integrity of the transmission.

Message:	Consisting of Segments:	Repeating as follows:
RSGRSG	MHD = Message Header	
	RSG = Reconciliation Segment	
	MTR = Message Trailer	

NOTES:

- 1) This message must be present if the transmission reconciliation check has been switched on in the STX segment.
- 2) It must always be the message immediately before the END segment in any transmission.

Message

Type

RECONCILIATION MESSAGE	RSGRSG
------------------------	--------

Page 1 of 1

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS (See also General Remarks in Directory)
MHD	=		MESSAGE HEADER	M			
			MSRF	M	V	9(12)	Consecutive count of messages within the transmission
		+	TYPE	Type of Message Type Version Number	M M M	F F	X(6) 9(1)
RSG	=		MESSAGE HEADER	M			
			RSGA	M	V	X(14)	Must equal SNRF in STX segment
		+	RSGB	M	V	X(14)	Must equal UNTO in STX segment
MTR	=		MESSAGE TRAILER	M			
			NOSG	M	V	9(10)	Control count of the number of segments comprising message. The count includes the MHD and MTR segments surrounding the message