

T.6 USING THE ORDER STATUS ENQUIRY FOR ORDER CHASERS

T.6.1 PRINCIPLES

The order status enquiry message may be used to request latest status information on an outstanding order or orders (in other words, as an order chaser). The supplier is expected to respond to an order status enquiry message by sending an order response message detailing the status of the outstanding item(s).

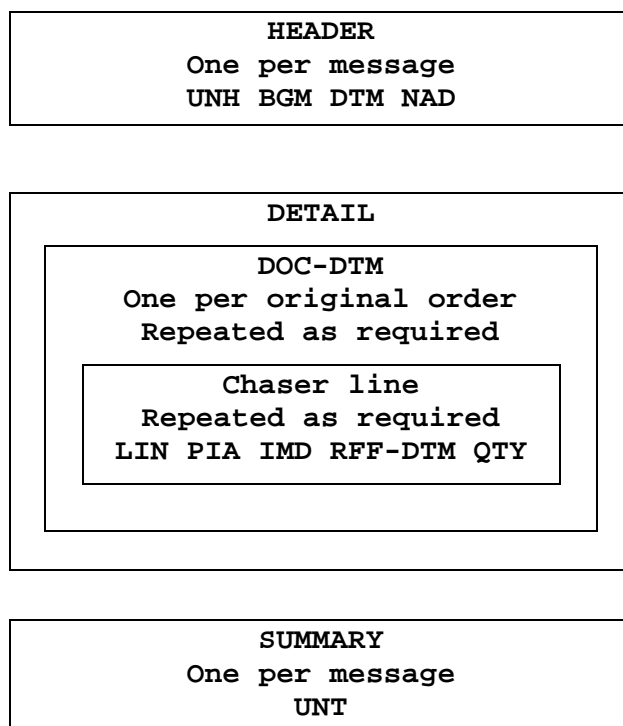
EDItEUR recommended practice is that suppliers should send updated status reports on outstanding orders, either on a regular periodic basis agreed with the customer or, preferably, whenever changes occur which affect the date or terms of supply. In these circumstances, order chasers may be regarded as unnecessary.

T.6.2 EDIFACT DIRECTORY

The version of the order status enquiry message adopted by EDItEUR is EANCOM OSTENQ Version 002, taken from the 1997 release of the EANCOM message set, based on EDIFACT Directory D.96A.

T.6.3 MESSAGE STRUCTURE

The structure of the order status enquiry message as used for this application is depicted below:



The **header** section specifies the message type, gives the message a unique identification and date, and names the sender and addressee.

The **detail** section begins with an RFF-DTM segment pair which identifies an original Purchase Order message from which one or more items are being chased. If the whole order is being chased, no further detail is required. If, as is more likely in a typical book supply situation, the chaser refers only to individual line items from the order, one or more chaser lines must be sent. The same message can refer to items from several original orders by sending further order references and associated chaser lines.

The next group of six segments together constitutes a single chaser line. The LIN segment carries the line sequence number within the message, and may carry an EAN-13 article number identifying the product ordered. If, as is more usual, the product is identified by an ISBN, the PIA segment is used to carry the number. The IMD segment may be used to carry product description in plain text, though this is unnecessary if the item is unambiguously identified by product code and order references. The segment pair RFF-DTM gives references to the order line and its date. The QTY segment may be used to give the quantity ordered and/or outstanding, but, again, this is normally unnecessary.

The **summary** section carries a control total and repeats the unique identification of the message for purposes of integrity checking.

T.6.4 EXAMPLE OF A BOOK ORDER CHASER MESSAGE

The example below shows a message chasing one whole order and one line from a second order. To make it easier to read, each segment has been placed on a separate line, and blank lines have been left between the sections identified in the block diagram on the last page. In practice, an EDIFACT message is sent as a continuous data string, without carriage returns between segments.

UNH+1759+OSTENQ:D:96A:EN:EAN002'	Message reference no 1759
BGM+92E::9+CH10654+7'	Chaser message number CH10654
DTM+137:19960820:102'	Message date 20 August 1996
NAD+BY+5056789012345::9'	Buyer
NAD+SU+5034567890123::9'	Supplier
DOC+220+9612034'	Order no 9612034
DTM+137:19960517:102'	Order date 17 May 1996
DOC+220+9612076'	Order no 9612076
DTM+137:19960612:102'	Order date 12 June 1996
LIN+1'	Line 1
PIA+5+0224027646:IB'	ISBN
IMD+F+BST+:::Levey/Florence?: A Portrait'	Short author/title
RFF+LI:96020023'	Buyer's unique order line reference
QTY+21:1'	1 copy ordered
UNT+15+1759'	15 segments: message reference no 1759

T.6.5 ORDER STATUS ENQUIRY SUBSET FOR BOOK ORDER CHASERS

1	UNH MESSAGE HEADER			One mandatory occurrence per message
+ 0062	Message reference no	M	an..14	Sender's unique message reference number. By convention, incorporates a sequence number of the message within the interchange.
	S009 MESSAGE IDENTIFIER	M		
+ 0065	Message type identifier	M	an..6	OSTENQ = order status enquiry
: 0052	Message type version no	M	an..3	D
: 0054	Message type release no	M	an..3	96A = EDIFACT Directory D.96A
: 0051	Controlling agency	M	an..2	UN = agency responsible
: 0057	Association assigned code	M	an..6	EAN002 = EAN version number
+ 0068	Common access reference	N		Not used in EANCOM
+ S010	Status of the transfer	N		Not used in EANCOM

Example:

UNH+ME000867+OSTENQ:D:96A:UN:EAN002'

2	BGM BEGINNING OF MESSAGE			One mandatory occurrence per message
	C002 DOCUMENT/MESSAGE NAME	M		
+ 1001	Document/message code	M	an..3	92E = order status enquiry (EAN code)
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	M		9 = EAN: required to indicate that DE 1001 carries an EAN code
: 1000	Document/message name	O	an..35	Optional since the message type is fully identified by the code in DE 1001
+ 1004	Document/message number	M	an..35	Order chaser message number assigned by sender, mandatory in EANCOM
+ 1225	Message function, coded	M	an..3	Mandatory in EANCOM: 9 = original, 7 = duplicate (retransmission)
+ 4343	Response type, coded	N		Not used in EANCOM

Example:

BGM+92E::9+Q10654+9'

Order chaser message no Q10654

3 DTM DATE/TIME/PERIOD

One mandatory occurrence per message, to give the message date

C507	DATE/TIME/PERIOD	M		
+ 2005	Date/time/period qualifier	M	an..3	137 = message date (CCYYMMDD)
: 2380	Date/time/period	M	an..35	Date in prescribed form
: 2379	Date/time/period format code	M	an..3	102 = code for CCYYMMDD date format

Example:

DTM+137:19960820:102'

Message date 20 August 1996

Segment 4 (FTX) is not used in this application

SG01 NAD-SG02

Each occurrence of SG01 identifies a party to the transaction and may give other linked information. In this application, only NAD segment 5 is used.

5 NAD NAME AND ADDRESS

Two mandatory occurrences per message, to show sender and recipient.

+ 3035	Party qualifier	M	an..3	BY = buyer (sender) SU = supplier (recipient)
	C082 PARTY IDENTIFICATION	D		The recommended practice is to use coded identification only, if available, preferably an EAN location code
+ 3039	Party identification code	D	an..17	EAN location code - format n13; or other mutually agreed code
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list responsible agency	D	an..3	9 = EAN 22B = Börsenverein des Deutschen Buchhandels (for Verkehrsnummer) 31B = US SBN Agency (for US-assigned SANs) 32B = UK SBN Agency (for UK-assigned book trade SANs) (EDItEUR code) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer

/continued

5 NAD NAME AND ADDRESS (continued)

+ C058	NAME AND ADDRESS	N		Composite C058 is not used in EANCOM
	C080	PARTY NAME	D	Name and address are sent as structured text only if no ID code is used (DE 3039)
+ 3036	Party name	D	an..35	Party name in clear text
: 3036	Party name	D	an..35	Continuation lines if required
: 3036	Party name	D	an..35	
: 3036	Party name	D	an..35	
: 3036	Party name	D	an..35	
: 3045	Name format, coded	N	an..3	
	C059	STREET	D	
+ 3042	Street & number/P O Box	D	an..35	Building name and/or number and street name, and/or P O Box number
: 3042	Street & number/P O Box	D	an..35	Continuation lines if required
: 3042	Street & number/P O Box	D	an..35	
+ 3164	City name	D	an..35	City or town name in clear text
+ 3229	Country sub-entity ID	D	an..9	County, state, province in clear text
+ 3251	Postcode	D	an..9	Postal code
+ 3207	Country, coded	D	an..3	ISO 3166 two-alpha code

Examples:

NAD+BY+5034567876543::9'	Buyer
NAD+SU+5012345678921::9'	Supplier

Segments 6 (CTA) and 7 (COM) (SG02) are not used in this application

SG03 DOC-DTM-SG04

Each occurrence of segment group SG03 represents enquiries relating to one original purchase order, which is carried in DOC segment 8. Where the chaser refers to line items from various original orders, which are fully identified at line level, the message may consist of a single occurrence of SG03, with a 'dummy' order number in DOC segment 8.

8 DOC DOCUMENT/MESSAGE DETAILS

One mandatory occurrence per repeat of SG03

C002	DOCUMENT/MESSAGE NAME	M		
+ 1001	Document/message code	M	an..3	220 = order
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	N		Not used in this application
: 1000	Document/message name	N		Not used in EANCOM
C503	DOCUMENT/MESSAGE DETAILS	M		Mandatory in EANCOM
+ 1004	Document/message number	M	an..35	Order message number, mandatory in EANCOM: use dummy order no 'VARIOUS' if chaser refers to outstanding order lines from a number of orders
: 1373	Document/message status	N		Not used in EANCOM
: 1366	Document/message source	N		Not used in EANCOM
: 3453	Language code	N		Not used in EANCOM
+ 3152	Communication channel ID	N		Not used in EANCOM
+ 1220	No of copies of doc required	N		Not used in EANCOM
+ 1218	No of originals of doc reqd	N		Not used in EANCOM

Examples:

DOC+220+9612034'	Order number 9612034
DOC+220+VARIOUS'	Dummy order number

9 DTM DATE/TIME/PERIOD

Optional: may occur once per repeat of SG03, to give the order date

C507	DATE/TIME/PERIOD	M	
+ 2005	Date/time/period qualifier	M	an..3
: 2380	Date/time/period	M	an..35
: 2379	Date/time/period format code	M	an..3

137 = document date (CCYYMMDD): ie the date on which the order was sent
 Date in prescribed form
 102 = code for CCYYMMDD date format

Example:

DTM+137:19960517:102'

Order date 17 May 1996

SG04 LIN-PIA-IMD-SG05-SG06

Each repeat of segment group SG04 represents one order chaser line.

10 LIN LINE ITEM

One mandatory occurrence in each chaser line. In this application the LIN segment is used to carry the line sequence number and an EAN-13 article number if used.

+ 1082	Line item number	M	n..6
+ 1229	Action request/notification	N	
C212	ITEM NUMBER ID	D	
+ 7140	Item number	D	
: 7143	Item number type, coded	D	
: 1131	Code list qualifier	N	
: 3055	Code list agency code	N	
+ C829	Sub-line information	N	
+ 1222	Configuration level	N	
+ 7083	Configuration, coded	N	

Line sequence number, starting at one and incremented by one for each successive line
 Not used in this application
 Used in this application only if an EAN-13 article number identifies the ordered item
 EAN-13 article number
 EN = EAN: used if DE 7140 is used
 Not used in EANCOM
 Not used in this application
 Composite C829 is not used in this application
 Not used in EANCOM
 Not used in this application

Example:

LIN+5 '
 LIN+12++9780571166244:EN'

Line no 5
 Line no 12, EAN article no 9780571166244

11 PIA ADDITIONAL PRODUCT ID

May occur once or twice in each cancellation line, coded 1 or 5 in DE 4347, to give the ISBN or other identification of the cancelled item.

+ 4347	Product id function code	M	an..3	1 = additional identification 5 = product identification (use for the ISBN or other non-EAN product code if it is the only identification of the item)
	C212 ITEM NUMBER ID	M		
+ 7140	Item number	M	an..35	Product number (eg ISBN)
: 7143	Item number type, coded	M	an..3	IB = ISBN IM = ISMN (International Standard Music Number) IN = buyer's item number MF = manufacturer's article number (not ISBN, EAN or other standard number) SA = supplier's article number (not ISBN, EAN or other standard number)
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	D		Not used in this application
+ C212	ITEM NUMBER ID	D		Further repeats of Composite C212 may be used where DE 4347 = 1, if there is more than one additional identification number. Where DE 4347 = 5, only one product number should be given.
+ C212	ITEM NUMBER ID	D		
+ C212	ITEM NUMBER ID	D		
+ C212	ITEM NUMBER ID	D		

Examples:

PIA+1+0571166245:IB'
PIA+5+0224027646:IB'

ISBN as additional identification
ISBN as sole identification

12 IMD ITEM DESCRIPTION

Optional: one occurrence may be used to give a brief description of the ordered item. Not required in an order chaser line provided that unique coded references are given to the order line and to the item ordered.

+ 7077	Item description type code	M	an..3	F = free-form
+ 7081	Item characteristic code	M	an..3	BST = short author/title description
	C273 ITEM DESCRIPTION	M		
+ 7009	Item description id	N		Coded description is not used in this application
: 1131	Code list qualifier	N		
: 3055	Code list agency code	N		
: 7008	Item description	M	an..35	Descriptive data as free text
: 7008	Item description	D	an..35	Continuation line if required
+ 7383	Surface layer indicator code	N		Not used in EANCOM

Example:

IMD+F+BST+:::Williams/They came from SW19'

SG05 RFF-DTM

Repeats of segment group SG05 (up to a theoretical maximum of 1000 per line) may be used to give references and associated dates required to identify the line item.

13 RFF REFERENCE

One mandatory occurrence per repeat of SG05

C506 REFERENCE		M	
+ 1153 Reference qualifier		M	an..3
: 1154 Reference number		M	an..35
: 1156 Line number		O	an..6
: 4000 Reference version number		N	

ACT = claim number: use for sender's chaser line reference (order status enquiry line number)
 LI = buyer's order line reference (from RFF segment 33 in purchase order message)
 ON = buyer's purchase order number (from BGM DE 1004 in purchase order message)

May be used with DE 1153 = ON to give a line sequence number (from LIN DE 1082 in the purchase order message)
 Not used in EANCOM

Example:

RFF+LI:96056789'

Buyer's order line reference 96056789

14 DTM DATE/TIME/PERIOD (of reference)

One optional occurrence per repeat of SG05

C507 DATE/TIME/PERIOD		M	
+ 2005 Date/time/period qualifier		M	an..3
: 2380 Date/time/period		M	an..35
: 2379 Date/time/period format code		M	an..3

171 = date of reference given in the linked RFF segment (CCYYMMDD)
 Date in prescribed form
 102 = qualifier for CCYYMMDD date format

Example:

DTM+171:19960820:102'

Reference date 20 August 1996

SG06 QTY-DTM-LOC

Segment group SG06: only QTY segment 15 is used in this application

15 QTY QUANTITY

Optional: one occurrence per chaser line may be used to give the quantity ordered. Where part of the order has been delivered, two further occurrences may be used to give the quantity received and the outstanding quantity which is being chased.

C186	QUANTITY DETAILS	M	
+ 6063	Quantity qualifier	M	an..3
: 6060	Quantity	M	n..15
: 6411	Measure unit qualifier	N	

21 = ordered quantity
 46 = quantity delivered
 73 = outstanding quantity
 Number of copies, sent as an integer without leading zeros or decimal point
 Not used in this application

Example:

QTY+21:1'

One copy ordered

Segments 16 (DTM) and 17 (LOC) are not used in this application

18 UNT MESSAGE TRAILER

One mandatory occurrence per message

+ 0074	No of segments in message	M	n..6
+ 0062	Message reference number	M	an..14

Count includes the UNH and UNT segments
 The reference number given here must be the same as that specified in the UNH segment

Example:

UNT+48+ME000867'

48 segments in message reference ME000867