

S.5 USING THE PURCHASE ORDER RESPONSE TO RESPOND TO CLAIMS

S.5.0 CHANGES FROM VERSION 1.2

- Page S-5-3 A message structure table for the full EDIFACT ORDRSP message has been added.
- Page S-5-7 Errors in the UNH and PIA lines of the example have been corrected.
- Page S-5-10 RFF segment 7: an error in the example has been corrected.
- Page S-5-16 IMD segment 41: the segment specification has been revised to be consistent with consolidated EDItEUR codes for DE 7081; up-to-date code values have been added.
- Page S-5-20 FTX segment 48: the PIA segment number has been corrected in table entries for codes 05 and 09.

S.5.1 PRINCIPLES

This guideline covers the use of the Order Response message to send journal claim responses from publishers to agents, or from agents to libraries (or, if a library trades direct with a publisher, from publisher to library).

An Order Response message will typically carry a number of “journal claim response lines”.

The subject of a journal claim response line is always an individual deliverable (journal issue). This is in contrast to a claim line (see Section S.4.1), which may refer to an open-ended range of deliverables. Any claim line which covers a range of two or more issues will result in two or more claim response lines, one for each issue which falls within the range implied by the claim. When a claim is for “all issues since” a defined start point, it is recommended that a response line should be sent for each issue which has been published at the date of the claim, and for the first issue which is not yet published, but not for any subsequent issues.

The recommended form of identifier for the deliverable is the issue SICI (Serial Issue and Contribution Identifier) as defined by ANSI Standard Z39.56, incorporating the journal ISSN. Provision has also been made in the message format for other identification numbers, such as a supplier’s title code.

Each response line must identify the claim line to which it responds, by citing the original sender’s claim reference number. **This is the mandatory identification of each claim response, but it is not necessarily unique: where an “open-ended” claim results in two or more response lines, they will carry the same claim reference number.**

Within each claim response line, a code is used to indicate the nature of the response. These codes can if necessary be supplemented by free text, but text is always to be avoided in EDI communication if possible. The codes listed in the present draft, which are derived from the SISAC X12 870 Order Status Report code set, may not be comprehensive: additional codes can be defined and registered as part of the EDItEUR standard at any time.

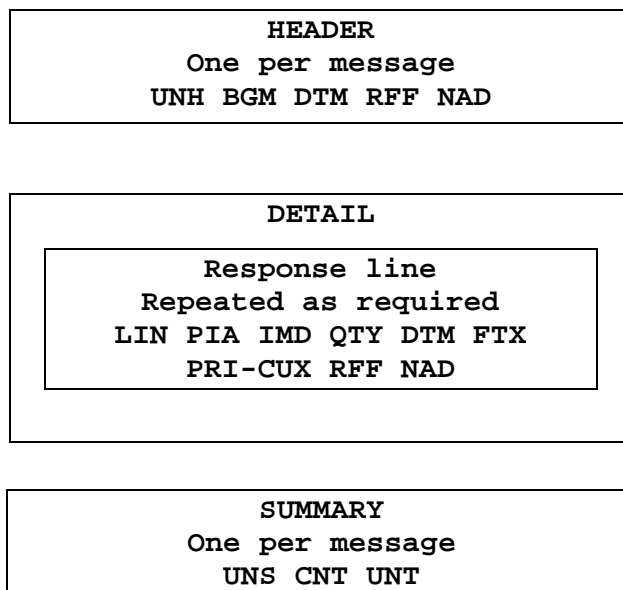
While there is no reason why publishers should not communicate journal claim responses direct to those libraries with whom they have a direct supply relationship, it is expected that in practice it will be more usual for claims and responses to be sent through subscription agents. In all cases (agent to library, publisher to agent, or publisher to library) the same message format can be used.

S.5.2 EDIFACT DIRECTORY

The version of the purchase order response message adopted by EDItEUR is EANCOM ORDRSP Version 005, taken from the 1997 release of the EANCOM message set, based on EDIFACT Directory D.96A.

S.5.3 MESSAGE BLOCK DIAGRAM

The broad structure of the purchase order response message as used for this application is depicted below:



The **header** section specifies the message type, gives the message a unique identification and date, may (and generally should) give a reference to the claim message to which it is a response, and names the sender and addressee.

The **detail** section consists of a group of ten segments which together constitute a single claim response line. The LIN segment carries the line sequence number within the message. The PIA segment, which is repeatable within the group, identifies the journal issue or issues affected by the response. The IMD segment may optionally be used to carry the journal title in plain text, though users may find this unnecessary when a journal code is part of the identification in PIA. The QTY segment gives any quantities needed as part of the response. The DTM segment gives dates associated with the response, typically an actual or expected despatch date. The FTX segment gives a claim response code which may be accompanied by added explanation in plain text. In a very few cases the response may be that the claimed item can only be provided at extra cost. In this event, the PRI and CUX segments can be used to quote a price against which the buyer can order. The RFF segment **must** carry the buyer's unique claim line reference, and further repeats may be used for other references. The NAD segment may be used if it is considered necessary to quote the delivery address as part of a claim response.

Finally, the **summary** section carries control totals and repeats the unique identification of the message for purposes of integrity checking.

S.5.4 ORDRSP MESSAGE STRUCTURE

The table on the next four pages shows the complete EANCOM ORDRSP message structure. Shaded segments and segment groups are NOT used in the EDItEUR implementation for journal claim responses.

The first column identifies the segment or segment group. The second column shows the EANCOM segment number. The third column shows the status of the segment or segment group in EDIFACT terms (NOT specifically for the EDItEUR application). In this column, letter M means “mandatory if the segment group to which the segment belongs is used”. Letter C means “conditional”, or not mandatory. The fourth column shows the maximum number of occurrences of the segment in each occurrence of the segment group to which it belongs.

Header

	<i>Seg no</i>	<i>Status</i>	<i>Repeats</i>	<i>Description</i>	
	UNH	1	M	1	MESSAGE HEADER
	BGM	2	M	1	Beginning of message
	DTM	3	M	35	Date/time/period
	PAI	4	C	1	Payment instructions
	ALI	5	C	5	Additional information
	FTX	6	C	99	Free text
	SG01		C	10	RFF-DTM
	RFF	7	M	1	Reference
	DTM	8	C	5	Date/time/period
	SG03		C	99	NAD-LOC-SG04-SG06
	NAD	9	M	1	Name and address
	LOC	10	C	25	Place/location identification
	SG04		C	10	RFF
	RFF	11	M	1	Reference
	SG06		C	5	CTA-COM
	CTA	12	M	1	Contact information
	COM	13	C	5	Communication contact
	SG07		C	5	TAX-MOA
	TAX	14	M	1	Duty/tax/fee details
	MOA	15	C	1	Monetary amount
	SG08		C	5	CUX-DTM
	CUX	16	M	1	Currencies
	DTM	17	C	5	Date/time/period
	SG09		C	10	PAT-DTM-PCD-MOA
	PAT	18	M	1	Payment terms basis
	DTM	19	C	5	Date/time/period
	PCD	10	C	1	Percentage details
	MOA	21	C	1	Monetary amount

	SG10		C	10	TDT-SG11
	TDT	22	M	1	Details of transport
	SG11		C	10	LOC
	LOC	23	M	1	Place/location identification
	SG12		C	5	TOD-LOC
	TOD	24	M	1	Terms of delivery or transport
	LOC	25	C	2	Place/location identification
	SG19		C	15	ALC-ALI-DTM-SG20-SG21-SG22-SG23-SG24
	ALC	26	M	1	Allowance or charge
	ALI	27	C	5	Additional information
	DTM	28	C	5	Date/time/period
	SG20		C	1	QTY-RNG
	QTY	29	M	1	Quantity
	RNG	30	C	1	Range details
	SG21		C	1	PCD-RNG
	PCD	31	M	1	Percentage details
	RNG	32	C	1	Range details
	SG22		C	2	MOA-RNG
	MOA	33	M	1	Monetary amount
	RNG	34	C	1	Range details
	SG23		C	1	RTE-RNG
	RTE	35	M	1	Rate details
	RNG	36	C	1	Range details
	SG24		C	5	TAX-MOA
	TAX	37	M	1	Duty/tax/fee details
	MOA	38	C	1	Monetary amount

Detail

	SG26		C	200000	LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG30-SG31-SG32-SG35-SG36-SG37-SG41-SG47
	LIN	39	M	1	Line item
	PIA	40	C	25	Additional product id
	IMD	41	C	99	Item description
	MEA	42	C	5	Measurements
	QTY	43	C	10	Quantity
	DTM	44	C	35	Date/time/period
	MOA	45	C	10	Monetary amount
	GIN	46	C	1000	Goods identity number

	QVR	47	C	1	Quantity variances
	FTX	48	C	99	Free text
	SG30		C	25	PRI-CUX
	PRI	49	M	1	Price details
	CUX	50	C	1	Currencies
	SG31		C	10	RFF-DTM
	RFF	51	M	1	Reference
	DTM	52	C	5	Date/time/period
	SG32		C	10	PAC-SG34
	PAC	53	M	1	Package
	SG34		C	5	PCI-RFF-DTM-GIN
	PCI	54	M	1	Package identification
	RFF	55	C	1	Reference
	DTM	56	C	5	Date/time/period
	GIN	57	C	10	Goods identity number
	SG35		C	9999	LOC-QTY-DTM
	LOC	58	M	1	Place/location identification
	QTY	59	C	1	Quantity
	DTM	60	C	5	Date/time/period
	SG36		C	10	TAX-MOA
	TAX	61	M	1	Duty/tax/fee details
	MOA	62	C	1	Monetary amount
	SG37		C	99	NAD-SG40
	NAD	63	M	1	Name and address
	SG40		C	5	CTA-COM
	CTA	64	M	1	Contact information
	COM	65	C	5	Communication contact
	SG41		C	99	ALC-ALI-DTM-SG42-SG43-SG44-SG45-SG46
	ALC	66	M	1	Allowance or charge
	ALI	67	C	5	Additional information
	DTM	68	C	5	Date/time/period
	SG42		C	1	QTY-RNG
	QTY	69	M	1	Quantity
	RNG	70	C	1	Range details
	SG43		C	1	PCD-RNG
	PCD	71	M	1	Percentage details
	RNG	72	C	1	Range details

SG44		C	2	MOA-RNG
MOA	73	M	1	Monetary amount
RNG	74	C	1	Range details
SG45		C	1	RTE-RNG
RTE	75	M	1	Rate details
RNG	76	C	1	Range details
SG46		C	5	TAX-MOA
TAX	77	M	1	Duty/tax/fee details
MOA	78	C	1	Monetary amount
SG47		C	10	TDT
TDT	79	M	1	Details of transport

Summary

UNS	80	M	1	SECTION CONTROL
MOA	81	C	12	Monetary amount
CNT	82	C	10	Control total
UNT	83	M	1	MESSAGE TRAILER

S.5.5 EXAMPLE OF A JOURNAL CLAIMS RESPONSE MESSAGE

The example below shows a message carrying a single response line. To make it easier to read the broad structure, 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. Note, however, that when an EDIFACT message is transmitted it is sent as a continuous data string, without carriage returns between segments.

UNH+002356+ORDRSP:D:96A:UN:EAN005'	Message reference 002356
BGM+23S::28+RX96120356+11'	Claim response message no RX96120356
DTM+137:19960222:102'	Message date 22 February 1996
RFF+OSE:CL960220/02'	Responding to claim message CL960220/2
NAD+SR+5034567890123::9'	From agent
NAD+BY+5056789012345::9'	To customer library
LIN+1'	Line 1
PIA+5+1234-5679(19951215)12?:1;1-G:SI::28'	Journal issue identified by SICI
DTM+7:19960305:102'	Expected 5 March 1996
FTX+LIN++03:2S:28'	Publication delayed
RFF+ACT:CL96020023'	Library's unique claim number
UNS+S'	Summary section
CNT+2:1'	2 lines
UNT+14+002356'	14 segments: message reference 002356

S.5.6 PURCHASE ORDER RESPONSE SUBSET FOR CLAIMS RESPONSES

1	UNH MESSAGE HEADER		One mandatory occurrence per message
+ 0062	Message reference no	M an..14	Sender's unique message reference. By convention, incorporates a sequence number of the message within the interchange.
	S009 MESSAGE IDENTIFIER	M	
+ 0065	Message type identifier	M an..6	ORDRSP = order response
: 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	EAN005 = EAN version number
+ 0068	Common access reference	N	Not used in EANCOM
+ S010	Status of the transfer	N	Not used in EANCOM

Example:

UNH+ME001234+ORDRSP:D:96A:UN:EAN005'

2 BGM BEGINNING OF MESSAGE **One mandatory occurrence per message**

C002	DOC/MESSAGE NAME	M	
+ 1001	Document/message code	M an..3	23S = journal claim response (EDItEUR code)
: 1131	Code list qualifier	N	Not used in EANCOM
: 3055	Code list agency code	M	28 = EDItEUR: required to indicate that DE 1001 carries an EDItEUR code
: 1000	Document/message name	O an..35	Optional, but since the message type is fully identified by the code in DE 1001, the recommended practice is to omit DE 1000
+ 1004	Document/message number	M an..35	Claim response number assigned by document sender: mandatory in EANCOM
+ 1225	Message function, coded	M an..3	11 = response: mandatory
+ 4343	Response type, coded	N	Not used in this application

Example:

BGM+23S::28+CR967634+11'

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'

Segments 4 to 6 (PAI, ALI, FTX) are not used in this application

SG01 RFF-DTM

Segment group SG01: only RFF segment 7 is used in this application

7 RFF REFERENCE

Optionally, one occurrence per message, referencing the claim message to which the present message is responding

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

OSE = order status enquiry message number (EAN code): use for the claim message number sent as BGM DE 1004 in the OSTENQ message

Not used in EANCOM

Not used in EANCOM

Example:

RFF+OSE:CL10654'

Segment 8 (DTM) is not used in this application

SG03	NAD-LOC-SG04-SG06			Each occurrence of segment group SG03 identifies a party to the transaction and may give other linked information. In this application, only NAD segment 9 is used.
9	NAD NAME AND ADDRESS			Two mandatory occurrences per message, to show sender and recipient.
+ 3035	Party qualifier	M	an..3	BY = buyer: use for recipient if the message is sent to a library SR = supplier's representative: use for sender if the message is sent by a subscription agent; or for recipient if the message is sent by a publisher to an agent SU = supplier: use for sender if the message is sent by a publisher
	C082 PARTY IDENTIFICATION	D		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 agency code	D	an..3	9 = EAN 31B = US SBN Agency, for US book trade SANs (Standard Address Numbers) (EDItEUR code) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer
+ 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	

/continued

9 NAD NAME AND ADDRESS *(continued)*

	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' Subscription agent to library
 NAD+SR+5098765432189::9'

Segments 10 to 38 (segment groups SG04 to SG24) are not used in this application

SG26 LIN-PIA-IMD-QTY-.....-SG37-SG41-SG47 Each occurrence of segment group SG26 represents one claim response line, referring to one line from a claim message.

39 LIN LINE ITEM One mandatory occurrence per response line. In this application the LIN segment is used only to carry the line sequence number.

- | | | | |
|---------------|------------------------------------|--------|---|
| + 1082 | Line item number | M n..6 | Line sequence number, starting at one and incremented by one for each successive line |
| + 1229 | Action request/notification | N | Not used in this application |
| + C212 | ITEM NUMBER ID | N | Composite C212 is not used in this application |
| + C829 | SUB-LINE INFORMATION | N | Composite C829 is not used in this application |
| + 1222 | Configuration level | N | Not used in EANCOM |
| + 7083 | Configuration, coded | N | Not used in this application |

Example:

LIN+5'

Line no 5

40	PIA ADDITIONAL PRODUCT ID		<p>One occurrence per claim response line, coded 5 in DE 4347, may be used to identify the journal or journal issue to which the claim refers. Such identification is mandatory (a) when sending two or more response lines referring to a single claim covering two or more issues, and (b) when reporting that the issue claimed has been combined with another issue. Otherwise it is optional. There may be two additional occurrences, coded 5M and 3 in DE 4347, when the issue which was claimed has been merged with another to create a combined issue. There may be one additional occurrence, coded 5L, when the claimed journal has ceased publication, to identify the last issue published.</p>
+ 4347	Product id function code	M an..3	<p>3 = substituted by: new item formed by the merging of the claimed item with another 5 = product identification: claimed item 5M = product identification: other item with which the claimed item has been merged (EDItEUR code) 5L = product identification: issue with which a claimed journal ceased publication (last issue) (EDItEUR code)</p>
	C212 ITEM NUMBER ID	M	<p>If DE 4347 = 5, the first occurrence of composite C212 must carry an ISSN or supplier title code (if the claim refers to a journal rather than a specific issue) or a SICI or a partial SICI (if the claim refers to an issue). If DE 4347 = 3, 5M or 5T, C212 must carry a SICI or a partial SICI only.</p>
7140	Item number	M an..35	As specified in DE 7143
: 7143	Item number type, coded	M an..3	<p>IS = ISSN MF = "manufacturer's" article number: use for a publisher's code for a journal title SA = supplier's article number: use for an agent's code for a journal title SI = SICI (EDItEUR code) SP = partial SICI, formed by following the rules for the chronology and enumeration elements of the Z39.56 SICI, but omitting the ISSN and the check digit (EDItEUR code)</p>
: 1131	Code list qualifier	N	Not used in EANCOM
: 3055	Code list agency code	D an..3	28 = EDItEUR: use only if DE 7143 carries an EDItEUR code

/continued

40 PIA ADDITIONAL PRODUCT ID *(continued)*

C212	ITEM NUMBER ID	D	The second occurrence of composite C212 may carry a partial SICI if the first occurrence carries a supplier title code, or a SICI continuation if the first occurrence carries a SICI which exceeds 35 characters
+	7140	Item number	D an..35 As specified in DE 7143
:	7143	Item number type, coded	D an..3 SP = partial SICI (EDItEUR code) CT = continuation (EDItEUR code)
:	1131	Code list qualifier	N Not used in EANCOM
:	3055	Code list agency code	D an..3 28 = EDItEUR: use only if DE 7143 carries an EDItEUR code
C212	ITEM NUMBER ID	D	The third occurrence of composite C212 may carry a SICI continuation if the second occurrence carries a SICI which exceeds 35 characters
+	7140	Item number	D an..35 As specified in DE 7143
:	7143	Item number type, coded	D an..3 CT = continuation (EDItEUR code)
:	1131	Code list qualifier	N Not used in EANCOM
:	3055	Code list agency code	D an..3 28 = EDItEUR: use only if DE 7143 carries an EDItEUR code
+	C212	ITEM NUMBER ID	N Further repeats of Composite C212 are not used, since no additional or alternative
+	C212	ITEM NUMBER ID	N identification is required in this application

Examples:

PIA+5+1234-5679(19960925)1?:2?:3;1-X:SI::28'	Line refers to one issue only, identified by SICI
PIA+5+1234-5679(199621)11?:1-X:SI::28'	Two issues merged into one
PIA+5M+1234-5679(199622)11?:2-H:SI::28'	
PIA+3+1234-5679(199621)11?:1-X:SI::28'	SICI showing designation of the merged (substituted) issue
PIA+5+1234-5679:IS'	Line refers to a journal identified by ISSN

Note that the first two examples above show the use of the question mark, in the most widely-used EDIFACT character set convention, as a flag to indicate that the next character, in this case a colon (:), is to be interpreted as a text character and not as a delimiter. This flag would normally be inserted or removed by an EDI converter, and does not affect the maximum data element length. It is included here for strict accuracy, and for those who may be programming directly to an EDIFACT format. See the *EDItEUR Manual*, Section I.2.2.3

41	IMD ITEM DESCRIPTION		<p>One or more optional occurrences may be used to give the journal title, and/or a free text description of the journal issue and/or the media or component claimed. Free text in IMD should be used only when a SICI is inadequate. Where the required text exceeds 70 characters, further IMD segments with the same code in DE 7081 may be sent, up to an overall maximum of 10 per claim line.</p> <p>Where the text of a bibliographic data element exceeds 70 characters, additional repeats of the segment, carrying the same code in DE 7081, may be used as “continuation” segments.</p>
+ 7077	Item description type code	M an..3	<p><i>F</i> = free-form, EDItEUR alpha codes in DE 7081 (these codes will be withdrawn in a future general revision of EDItEUR standards: do not use in new implementations) <i>L</i> = text, EDItEUR numeric codes in DE 7081 (EDItEUR code)</p>
+ 7081	Item characteristic code	M an..3	<p>050 = <i>JTI</i> = journal title 080 = <i>JVI</i> = free text identification of journal volume and/or issue: may carry structured text in a format proprietary to the subscription agent, if so agreed between trading partners 090 = <i>BTI</i> = book title: use for volume title description (volume in a monographic series) 181 = <i>JMC</i> = journal media/component description (<i>EDItEUR code</i>): free text description of the medium of a journal item claimed, or of the item itself when it is a component of a journal issue, not the complete issue</p>
	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	<p>Free text. With DE 7081 = 050 or <i>JTI</i>, use for journal title only. With DE 7081 = 181 or <i>JMC</i>, use for free text description of the medium of the item claimed (eg microfiche, if the journal is published in print and microfiche) or of a component of a journal issue (eg an enclosed diskette or CD-ROM) where the item claimed is not the whole issue.</p>

/continued

41 **IMD ITEM DESCRIPTION** *(continued)*

:	7008	Item description	D an..35	Continuation line if required
:	3453	Language, coded	N	Not used in this application
+	7383	Surface layer indicator code	N	Not used in EANCOM

Example:

IMD+L+050+:::Logique Mathematique'

IMD+L+181+:::CD-ROM accompanying Vol 12 Issue 3' Item claimed is CD-ROM component

Segment 42 (MEA) is not used in this application

43 QTY QUANTITY

One or more occurrences per claim response line may be used to give quantities associated with the response (eg the no of copies which have been or will be sent)

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

1 = discrete quantity: use for response quantity, with response code 01, 02, 17, or 18 in FTX segment 48; and for quantity claimed, with response code 30
 12 = quantity despatched: use with response code 16
 83 = backorder quantity: use with response code 16
 21 = quantity ordered: use with response code 30

Not used in this application

Example:

QTY+1:1'

Response quantity = one copy

44 DTM DATE/TIME/PERIOD

One occurrence per response line may be used to the action date associated with the response, depending on the response type code in FTX segment 48

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

7 = effective date (CCYYMMDD): use for the response action date
 999 = response action date unconfirmed as of (CCYYMMDD)
 Date in prescribed format
 102 = code for CCYYMMDD date format

Example: DTM+7:19960820:102'

Response action date 20 August 1996

Segments 45 to 47 (MOA, GIN, QVR) are not used in this application

48 FTX FREE TEXT

One mandatory occurrence per claim response line to indicate, in coded form wherever possible, the nature of the response

- + **4451 Text subject qualifier** M an..3 LIN = Information applying to this line item
- + **4453 Text function, coded** N Not used in this application
- C107 TEXT REFERENCE** M Response code
- + **4441 Free text, coded** M an..3 EDItEUR code values, based on SISAC claim response codes (the twelve code values highlighted are those selected for ICEDIS implementation):

01	Replacement sent (quantity in QTY 43, date in DTM 44)
02	Order entered to start (quantity QTY 43, date in DTM 44, reference in RFF 51)
03	Delay to publication (expected issue date in DTM 44)
04	Premature claim, claim again after (date in DTM 44)
05	Issue combined with (SICI of substitute in PIA 40)
06	Not yet published (expected date in DTM 44)
07	Never published (free text explanation in DE 4440 if required)
08	No such issue (free text explanation in DE 4440 if required)
09	Discontinued publication (last issue SICI in PIA 40)
10	Publication suspended, resumption unknown
11	Not available, subscription extended (to date in DTM 44)
12	Out of print, will reprint and supply
13	Out of print, complete volume must be purchased
14	Out of print, cannot be replaced or reordered
15	Out of print, available in microform only
16	Partially filled (quantities in QTY 43, expected date for remainder in DTM 44)
17	Shipped (quantity in QTY 43, date in DTM 44), please re-check

18	Out of stock, on backorder (quantity in QTY 43, expected date in DTM 44)
19	Beyond acceptable claim period, issue can be purchased (price in PRI 49)
20	Beyond acceptable claim period, can be purchased as part of a volume
21	Issue never published due to a frequency change (new frequency shown in DE 4440)
22	Item not included in subscription package
23	Issue not included in subscription period
24	Cancelled as requested (cancellation date in DTM 44)
25	Title changed, new title is (name in DE 4440)
26	No record of payment, supply order number and proof of payment
27	No record of an order, supply order information
28	Not our publication
29	No longer our publication (new publisher name in DE 4440)
30	Quantity claimed exceeds quantity ordered (both quantities in QTY 43)
31	Discontinued delivery, additional payment required (amount needed in DE 9012)
32	Claim under review, response will follow manually
99	Other, see free text in DE 4440

/continued

48 FTX FREE TEXT *(continued)*

:	1131	Code list qualifier	M an..3	2S = EDItEUR code list 2S
:	3055	Code list agency code	M an..3	28 = EDItEUR
	C108	TEXT LITERAL	D	Use free text only if a code is insufficient
+	4440	Free text	D an..70	
:	4440	Free text	D an..70	Continuation lines if required
:	4440	Free text	D an..70	
:	4440	Free text	D an..70	
:	4440	Free text	D an..70	
+	3453	Language code	N	Not used in this application

Example:

FTX+LIN++21:2S:28+Quarterly from Vol 24 No 1' Frequency change

SG27 PRI-CUX

One occurrence of segment group SG27 per claim response line may be used to give a price where the claimed item is only available at extra cost

49 PRI PRICE DETAILS

C509	PRICE INFORMATION	M	
+ 5125	Price qualifier	M an..3	AAF= Information price, including allowances or charges and any applicable taxes
: 5118	Price	M n..15	Price, in the format NN.DD, where NN is an integer of up to 14 digits, and DD represents up to 4 decimal places. Non-significant zeros are not sent.
: 5375	Price type, coded	N	Not used in this application
: 5387	Price type qualifier	N	Not used in this application
: 5284	Unit price basis	N	Not used in this application
: 6411	Measure unit qualifier	N	Not used in this application
+ 5213	Sub-line price change code	N	Not used in EANCOM

Example:

PRI+AAE:14.95'

Price = 14.95 in default currency or in currency specified in CUX segment 50

50 CUX CURRENCIES **Mandatory in international trading if PRI segment 49 is used**

C504	CURRENCY DETAILS	M	
+ 6347	Currency details qualifier	M an..3	2 = reference currency
: 6345	Currency, code	M an..3	ISO 4217 three-alpha code
: 6343	Currency qualifier	M an..3	12 = quotation currency
: 6348	Currency rate base	N	Not used in EANCOM
+ C504	CURRENCY DETAILS	N	The repeat of composite C504 is not used in this application
+ 5402	Rate of exchange	N	Not used in this application
+ 6341	Currency mkt exchange code	N	Not used in this application

Example:

CUX+2:GBP:12'

Currency is pounds sterling

SG31 RFF-DTM Segment group SG31: only RFF segment 51 is used in this application

51 RFF REFERENCE One mandatory occurrence per response line giving the claim reference number. Further occurrences may be used to give other references, eg subscription reference numbers.
 When an “open-ended” claim is sent (eg for “all issues since specified issue”), there may be more than one response line with the same claim reference number, since each response line will refer to a single issue.

C506 REFERENCE		M	
+ 1153 Reference qualifier		M an..3	ACT = claim reference no SNA = agent’s unique subscription no SNL = library’s unique subscription no SNP = publisher’s unique subscription no QLI = quotation line reference no (if a price is given in segment group SG 27)
: 1154 Reference number		M an..35	
: 1156 Line number		N	Not used in this application
: 4000 Reference version number		O an..35	May be used for claim sequence number (1, 2, 3...) when DE 1153 = ACT

Example:
 RFF+ACT:CL123456 ' Claim reference CL123456

Segments 52 to 62 (including segment groups SG32 to SG36) are not used in this application

SG37 NAD-SG40

Segment group SG34: only NAD segment 62 is used in this application

63 NAD NAME AND ADDRESS

Optionally, one occurrence per response line may be used to give the delivery address to which the claimed copy or copies have been or will be sent

<p>+ 3035 Party qualifier M an..3</p> <p>C082 PARTY IDENTIFICATION D</p> <p>+ 3039 Party identification code D an..17</p> <p>: 1131 Code list qualifier N</p> <p>: 3055 Code list responsible agency D an..3</p> <p>+ C058 NAME AND ADDRESS N</p> <p>C080 PARTY NAME D</p> <p>+ 3036 Party name D an..35</p> <p>: 3036 Party name D an..35</p> <p>: 3036 Party name D an..35</p> <p>: 3036 Party name D an..35</p> <p>: 3036 Party name D an..35</p> <p>: 3045 Name format, coded N an..3</p> <p>C059 STREET D</p> <p>+ 3042 Street & number/P O Box D an..35</p> <p>: 3042 Street & number/P O Box D an..35</p> <p>: 3042 Street & number/P O Box D an..35</p>	<p>DP = Delivery party (ship to ...)</p> <p>Recommended practice is to use coded identification only, preferably EAN location code EAN location code - format n13; or other mutually agreed code Not used in EANCOM 9 = EAN 31B = US SBN Agency, for US book trade SANs (Standard Address Numbers) (EDItEUR code) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer</p> <p>Composite C058 is not used in EANCOM</p> <p>Name and address are sent as structured text only if no ID code is used (DE 3039) Party name in clear text Continuation lines if required</p> <p>Building name and/or number and street name, and/or P O Box number Continuation lines if required</p>
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/continued

63 NAD NAME AND ADDRESS *(continued)*

+ 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+DP+5087654321234::9'

NAD+DP+++Faculty Library:Dept of Humanities:University of XYZ+1201 Campus Drive+XYZ++120732'

Segments 64 to 79 (segment groups SG41 to SG47) are not used in this application

80	UNS SECTION CONTROL		One mandatory occurrence per message
+ 0081	Section identification	M a1	S = Detail/summary section separator

Example:

UNS+S'

Segment 81 is not used in this application

82 CNT CONTROL TOTAL

One occurrence per message is recommended to give a control total of the number of line items

	C270 CONTROL	M	
+	6069 Control qualifier	M	an..3
:	6066 Control value	M	n..18
:	6411 Measure unit qualifier	N	

2 = number of line items in the message
 Count number of LIN segments in the message
 Not used in this application

Example:

CNT+2:4'

Four claim response lines in this message

83 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+ME001234'

48 segments in message reference ME001234