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EDIFACT Invoice 96.A

Draft recommendation for data content of the IFRA advertisement subset of UN invoice 96.A Ver. #6

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1Preface

1.1 Document Purpose

The purpose of this document is to describe the EDIFACT invoice for ad's. The scope of the EDIFACT invoice is the exchange of all necessary information for invoice control and payment of the invoice.

Please note that the message can be used as either an invoice, a debitnote or a creditnote (depending on the document message name-code in the header). You should therefore be able to substitute the word invoice with debitnote or creditnote in the text. Where different codes should be used it is stated explicitly.

Fields/composites not in use are marked NOT USED. This indicates that the field/composite is not supposed to contain any value. Field separators should however be included so that the IFRA subset conforms to the UN standard.

Problems in the definition of field content and codesets are marked *this way*. Changes according to previous version are marked in the margin as in this line.

1.2 Document Structure

The document contains the following chapters:

- General description of field of application: Invoice-scope and general rules to be obeyed.
- Message structure and content: Overall structure and datacontent.
- Message segments and content: Detailed description of the segments and how data is represented in the message including examples showing how data will be transmitted. These are individual segment examples and do not represent a single coherent message. They are designed to give a better understanding of the individual segments.
- Appendix syntax rules: Gives you a brief description of the EDI-syntax nessesary for understanding the invoice structure and the examples. A more thorough description of syntax, message structure and data exchange can be found in: "Introduction to the basic principles of EDIFACT" IFRA Special Report 6.14.1

You need to read the first two chapters (i.e. page 1 to 6) to understand the principles and what you can exchange. The rest of the document will improve your understanding of the EDI-message structure, however reading this part is only a must for the edp-specialists.

1.3 The EDIFACT Standard

The EDIFACT standard consist of a set of "building blocks" i.e. a set of related fields and field identification codes which -if used- make it possible to exchange these groups of information.

This standard is based upon the EDIFACT standard as maintained by UN. The IFRA EDIFACT standard is a subset of the UN edifact standard.

An EDIFACT subset uses only part of the original Edifact standard i.e. the IFRA EDIFACT standard uses only a limited part of the "building blocks" of the complete UN standard.

2 General Description of Field of Application

2.1 Exchange and Use of Data

How data is exchanged between parties can freely be defined i.e. via data transmission, tapes or cassettes as mutually agreed upon. The standard only considers data exchange formats.

Data capture and data usage is not part of this standard and may take any form applicable. Data capture could be done via a simple registration screen or in a fully integrated invoicing system. Data usage could take any form from simply printing the received invoice to a solution where invoice data is directly updated in the receiving system, automatically checked and paid at the proper date.

The EDIFACT standard gives certain possibilities for defining unstructured information. However it is recommended, that data as far as possible is codified according to the recommendation so as to facilitate automatic handling without manual intervention and so that possible misinterpretations of the data content is avoided.

2.2 Rules for invoicing

The following rules apply for invoicing:

- All invoicing errors are handled manually e.g. by phone.
- Payment of invoice according to agreement between buyer and seller.
- Usable character set need to be agreed upon between the two parties.
- One invoice line should only concern one advertisement i.e. one insertion.
- The IFRA subset does not use signed amounts. The commercial document type
- defines the nature of the transaction.

3.1 Segment Overview and Data Mapping

The message consists of the following segments. The "contains" column describes placement of data.

Segment	Segme	nt group	<u>Contains</u>
UNH Message header [M 1]			
BGM Beginning of message [M 1]			Code for invoice and invoice number.
DTM Date/time/period [M 35]			Document- and transmissiondate.
FTX Free text [C 10]			VAT legal clause and commercial
			conditions.
RFF Reference [M 1]		☞ SG1 [C 99]	Payment reference.
NAD Name and address [M 1]	I SG2	[C 99]	Advertiser/agency addr. and number.
.FII Financial institution info. [C 5]			Account information for payment.
.RFF Reference [M 1]	🖙 SG3	[C 9999]	Sellers VAT-number.
.CTA Contact information [M 1]	☞ SG5	[C 5]	Contact person.
COM Communication contact [C 5]			Contact person's phoneno.
CUX Currencies [M 1]	₽ SG7</td <td>[C 5]</td> <td>Document and payment currency.</td>	[C 5]	Document and payment currency.
PAT Payment terms basis [M 1]	<i>☞</i> SG8	[C 10]	Payment date and penalty rate period.
.PCD Percentage details [C 1]			Penalty rate in percent pr.
			period.
LIN Line item [M 1]	☞ SG2	5 [C 9999999]	Invoice line.
.PIA Additional product id [C 25]			Ad placement and/or format.
.IMD Item description [C 10]			(Number of) colours.
.MEA Measurements [C 5]			Columns, units and unit types.
.FTX Free text [C 5]			Invoice text/remarks concerning the
			ad.
.MOA Monetary amount [M 1]		☞ SG26 [C 5]	Line item amount.
CUX Currencies [C 1]			Original line item currencies.
.PRI Price details [M 1]	🖙 SG2	8 [C 25]	Price and pricelist info (for control).
.RFF Reference [M 1]	☞ SG2	9 [C 10]	Original order number.
.LOC Location [M 1]		☞ SG32 [C 999	9] Media/local edition.
DTM Date/time/period [C 5]			Publication date(s) and pattern.
.TAX Duty/tax/fee details [M 1]	☞ SG3	3 [C 99]	Tax rate and basis.
MOA Monetary amount [C 1]			Line tax amount for type of
			tax.
.NAD Name and address [M 1]	☞ SG3	4 [C 20]	Advertiser.
RFF Reference [M 1]	<i>☞</i> SG3	5 [C 5]	Contract no. buyer.
.ALC Allowance or charge [M 1]	☞ SG3	8 [C 15]	Material-, frequency discount etc.
QTY Quantity [M 1]	<i>☞</i> SG3	9 [C 1]	Charge quantity.
PCD Percentage details [M 1]		SG40 [C 1]	Charge/discount percent.
MOA Monetary amount [M 1]	<i>☞</i> SG4	1 [C 2]	Charge/discount amount.
TAX Duty/tax/fee details [M 1]	<i>☞</i> SG4		Tax rate and basis.
MOA Monetary amount [C 1]			Charge/discount tax amount.
UNS Section control [M 1]			C
MOA Monetary amount [M 1]		☞ SG48 [M 100)] Total invoice amount.
TAX Duty/tax/fee details [M 1]		☞ SG50 [C 10]	Tax rate and basis.
.MOA Monetary amount [C 2]			Invoice tax amount for type
γ · ··· · ι · ·			of tax.
UNT Message trailer [M 1]			

Within an invoice these segments will always be positioned in the stated order. The points in front of the segment codes indicates the level of nesting. This is shown in the diagram on the following page.

3.2 Structure Diagram





4.1 UNH Message Header [M 1]

Segment

UNH Message header [M 1]

A service segment starting and uniquely identifying a message.



Field/composite

0062 MSG. REFERENCE NUMBER [M/an..14]

Description/codeset

Running number. Same as in UNT in the same message. The first message in the interchange will be given the number 1. The counter is incremented with 1 for each subsequent message within the interchange.

S009 MESSAGE IDENTIFIER [M] 0065 Message type identifier [M/an..6]

0052 Message type version number [M/n..3]

0054 Publication number [C/n..3] 0051 Controlling agency [C/an..2] 0057 Association assigned [C/an..6]

Example

UNH+REF01+INVOIC:D:96A:UN:IFRA01'

 $\geq \geq$ *i*. This identifies the invoice structure.

 $\geq \geq$

 \geq *i*. This is the reference number identifying the message.

Beginning of the UNH segment.

message. $\mathbf{D} = (IFRA) EDIFACT$ subset status of the UNSM.

INVOIC = This is an invoice

- 96A = the publication 96.A
- **UN** = Controlled by UN
- **IFRA01** = The invoice conforms to the IFRA subset.

4.2 BGM Beginning of Message [M 1]

Segment

BGM Beginning of message [M 1]

To indicate the type and function of a message and to transmit the identifying number.

Field/composite

C002 DOCUMENT/MESSAGE NAME [C] 1001 Document/message name, coded [C/an..3]

- 1131 Code list qualifier [C/an..3]
- 3055 Code list responsible agency, coded [C/an..3]
- 1000 Document/message name [C/an..35]

1004 DOCUMENT/MESSAGE NUMBER [C/an..35]

1225 MESSAGE FUNCTION, CODED [C/an..3]

4343 RESPONSE TYPE, CODED [C/an..3]

Example

BGM+380+1000234+9+NA'

 \geq \geq \geq \geq i No acknowledgement needed \geq \geq \geq \geq \geq \geq \geq ¿ This is an original invoice. \geq \geq \geq \geq \geq ¿ This is the invoice number.. \geq \geq \geq ¿ This is an invoice. \geq ¿ Beginning of the BGM segment (beginning of message)



Description/codeset

380 = Commercial invoice.
381 = Credit note..
383 = Debit note..
NOT USED.
NOT USED.
NOT USED.

Document number e.g. invoice number assigned by seller.

- **31** = Copy. **9** = Original.
- Type of response required by the sender: NA = No acknowledgement needed.

4.3 DTM Date/Time/Period [M 35]

Segment

DTM Date/time/period [M 35]

To specify date, and/or time, or period. Used for the date of original invoice and the transaction creation date..

Field/composite

C507 DATE/TIME/PERIOD [M] 2005 Date/time/period qualifier [M/an..3]

2379 Date/time/period format qualifier [C/an..3]



Description/codeset

- **137** = Document/message date/time. This is the date/time of the original document, irrespective whether the message is an invoice, a credit note, a debite note or a copy
- **97** = Transaction creatoin date.

Explains how digits in data element 2380 should be read:

203 = CCYYMMDDHHMM. Used for invoice date/time.

_Example___

DTM+137:199405271545:203'

2380 Date/time/period [C/an..35]

¿ Invoice date-time code:date and time:date-time as CCYYMMDDHHMM.

≥ ≥

 $\dot{\mathcal{L}}$ Beginning of the date/time specification.

4.4 .FTX Free Text [C 10]

Segment

FTX Free text [C 10]

To provide free form or coded text information.



Field/composite

4451 TEXT SUBJECT QUALIFIER [M/an..3]

Description/codeset

- **TXD** = Tax declaration. This is Used for specification of legal clauses. i.e. in some countries it is a legal demand that a reference to the clause stating that the sale is free of tax is included on the invoice. E.g. if a French client (advertiser, agency) buys ad space in a Sswiss publication then the sale is free of VAT.
- AAB = Terms of payment. This is used for special conditions not covered by payment terms (PAT) e.g. penalties to pay.

4453 TEXT FUNCTION, CODED [C]

C107 TEXT REFERENCE [C]

C108 TEXT LITERAL [C] 4440 Free text [M/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70]

3453 LANGUAGE, CODED [C/an..3]

Example

FTX+TAD+++EXEMPTEE DE TVAFR'

- $\geq \geq \geq$ ¿ The reference is in Frech italian.
- $\geq \geq \geq$
- $\geq \geq i$, legal clause specifying that the sale is free of tax

 \geq *i*, containing a reference to a...

¿ First occurrence of the FTX segment..

NOT USED.

NOT USED.

Code of language. Use ISO 639-1988.

4.5 **RFF** Reference [M1]

Segment

RFF Reference [M1]

To specify a reference. Contains payment ID. Also used for specifying a document number which the debit or credit note relates to.

Field/composite

C506 REFERENCE [M]

1153 Reference qualifier [M/an..3]

Description/codeset

SG1 [C 99]

- **PQ** = Payment ID. Reference number assigned by the seller (the media) to be used for identification of payment.
- **IV** = Invoice number (for credit note or debit note use i.e. reference to original invoice which this transaction is related to).
- **CD** = Credit note number (for credit note or debit note use i.e. reference to original credit note which this transaction is related to).
- **DL** = Debit note number (for credit- or debit note use i.e. reference to original debit note which this transaction is related to).

Used for referencing line number in credit note or debitnote i.e line number in the original document that this document is related to. NOT USED.

1154 Reference number [C/an..35] 1156 Line number [C/an..6]

4000 Reference version number [C/an..35]

Example

RFF+PQ:123456'

 $\geq \geq \zeta$ which is this number.

 \geq is number to id the payment of the invoice by the buyer..

¿ This is the RFF segment specifying..

4.6 NAD Name and Address [M 1] (SG2 [C 99]

Segment

NAD Name and address [M 1]

Specifies party identification and their function, either by C082 only or also unstructured by C080 thru 3207. (media, advertiser, agency,)

Field/composite

3035 PARTY QUALIFIER [M/an..3]

C082 PARTY IDENTIFICATION DETAILS [C] 3039 Party id identification [M/an..35]

1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3]

Description/codeset

The codes for describing the parties specified can be as follows:

- **BY** = Buyer.
- SE = Seller (media).
- **RS** = Party to receive statement of account.
- **IV** = Invoicee. Party to whom the invoice is issued.

Unique identification of party This is the IFRA suggestion for party

identification:

When 3055 contains **ZZZ**="Mutually defined" content is CCvvvvvvvvvvvSSS where:

- "C" is the country code according to ISO 3166 country codes. Using the country code ensures that the complete identification always will be unique.
- "v" is the VAT
- "S" is a possible subidentification used when the VAT number in itself is not sufficient identification e.g. when we need to identify different customers within a company.

160 = Party ID.

Code to be assigned between the seller and the party ordering the ad:

- 91 = Assigned by seller or seller's agent
- 92 = Assigned by buyer or buyer's agent
- 9 = EAN number
- **16** = Dun & Bradstreet number.
- **ZZZ** = Mutually defined. In this case when VATnumber is part of the identification.

NOT USED.

C058 NAME AND ADDRESS [C]

To ensure correct identification of the party sending the message it's desirable to give both the VAT numberr in DE3039 and party name in C080. However when an EDIrelationship is

established and functioning the party identification in writing may not be nessessary.

3036 Party name [M/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3045 Party name format, coded [C/an..3]

C059 STREET [C] 3042 Street and number/P.O. Box [M/an..35] 3042 Street and number/P.O. Box [C/an..35] 3042 Street and number/P.O. Box [C/an..35]

3164 CITY NAME [C/an..35]

3229 COUNTRY SUB-ENTITY IDENTIFICATION [C/an..9]

3251 POSTCODE IDENTIFICATION [C/an..9]

3207 COUNTRY, CODED [C/an..3]

Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.

_Example____

/Start of the Name and address segment. \geq \geq /This is the name and address information for the invoice receiver. $\geq \geq$ \geq \geq /This is the customer's EAN number. $\geq \geq$ \geq $\geq \geq$ \geq /The previous number is the party identification. $\geq \geq$ \geq \geq $\geq \geq$ \geq /Party ID according to EAN. \geq $\geq \geq$ \geq $\geq \geq$ $\geq \geq$ \geq $\geq \geq$ /First line party name. $\geq \geq$ \geq $\geq \geq$ \geq $\geq \geq$ \geq $\geq \geq$ \geq /Second line party name. NAD+IV+1234567890123:160:9++Facius Meltines:Co Reklamedata+ Dortheavej 1-3+KÌbenhavn NV++2900'

 $\geq \qquad \geq \qquad ; \text{ Post code} \\ \geq \qquad ; \text{ City name.}$

¿ Street and number.

NOT USED.

4.7 .FII Financial institution information [C 5]

Segment

FII Financial institution information

[C 5]

To identify an account and a related financial institution for use when clearing payment.

<u>Field/composite</u> 3035 PARTY QUALIFIER [M]

C078 ACCOUNT IDENTIFICATION [C] 3194 Account holder number [C/an..17]

3192 Account holder name [C/an..35] 3192 Account holder name [C/an..35] 6345 Currency, coded [C/an..3]

C088 INSTITUTION IDENTIFICATION [C] 3433 Institution name identification [C/an..11]

1131 Code list qualifier [C/an..3]

3055 Code list responsible agency, coded [C/an..3] 3434 Institution branch number [C/an..17]

1131 Code list qualifier [C/an..3]

3055 Code list responsible agency, coded [C/an..3]

3432 Institution name [C/an..70]

3436 Institution branch place [C/an..70]

3207 COUNTRY, CODED [C/an..3]



Description/codeset

RB = Receiving financial institution.

PB = Paying financial institution.

Account number at the financial institution.

Name of account holder.

Currency of the account.

Used for the international Bank Identification Code (BIC) when the first DE 3055 contains **5**.

25 = BIC-code. The international identification of a bank in the S.W.I.F.T. system (used for cross border clearing).

5 = Codes maintained by ISO. Used in conjunction with the following DE 1131 when a institution branch number is needed for unique identification of the branch.

- **154** = Bank branch sorting identification. Identification of a branch of a bank. The number in 3434 as assigned by: e.g.
- **130** = DK, PBS (Pengeinstitutternes betalings service The Danish clearinghouse).
- 125 = Finnish bankers association. (Other EDIFACT codes are available)

ZZZ = Mutually agreed upon.

Indicate the name of the financial institution in clear text here if the code is not known.

Indicate the place of the financial institution in clear text here if the code is not known.

Identification of the name of a country or other geographical entity as specified in ISO 3166. Note: Use ISO 3166 two alpha country code.

DK = Denmark

In other words - clearing can be identified in one of two ways: You use 3433, 1131 and 3055 for identification for international clearing through the S.W.I.F.T. system - OR - You use 3434, 1131 and 3055 for identification for your national clearing system. If you use the BIC code and the BIC code doesnot identify the proper bank branch then you can supply nessessary information in 3434, 1131, 3055 or 3436.

Example

This example shows the usage of a national identification system as used in Denmark by the danish clearing house PBS:

/The financial institution information: \geq /Beneficiary's bank... \geq \geq /holding this account... $\geq \geq$ \geq /in the name Politiken A/S.. $\geq \geq$ \geq \geq /is the DDB bank at RÜdhuspladsen with $\geq \geq$ \geq \geq \geq branch# as assigned.. $\geq \geq$ \geq \geq \geq ∕by PBS

_Example__

This example shows the usage of the international BIC identification system:

FII+RB+2165582-23+UBSWCHZH12A:25:5'

4.8 .RFF Reference [M1] SG3 [C 9999] Segment RFF Reference [M1] Image: Composite to the seller's VAT number. Field/composite C506 REFERENCE [M] 1153 Reference qualifier [M/an..3] Description/codeset

VA = Field 1154 contains the VATnumber of the party indicated in the previous NAD segment. In this case the VATnumber of the seller (the media).

1154 Reference number [C/an..35]1156 Line number [C/an..6]4000 Reference version number [C/an..35]

NOT USED NOT USED

_Example__

RFF+VA:123456'

- $\geq \geq \frac{1}{6}$ is this number.
- \geq i that the VAT-number (of the seller) ...
- ¿ This is the RFF segment specifying..

4.9 .CTA Contact Information [M 1] @ SG5 [C 5]

Segment

CTA Contact information [M 1]

To identify a person or a department to whom communication should be directed.



Field/composite

3139 CONTACT FUNCTION, CODED [C/an..3]

3412 Department or employee [C/an..35]

Description/codeset

IC = Information contact

C056 DEPARTMENT OR EMPLOYEE DETAILS [C] 3413 Department or employee identif. [C/an..17]

Internal identification code. The department or person within an organisational entity.

Example

CTA+IC+:Peter Petersen'

4.10 ..COM Communication Contact [C 5]

Segment

COM Communication contact [C 5]

To identify a communication number of a department or a person to whom communication should be directed.



Field/composite

C076 COMMUNICATION CONTACT [M] 3148 Communication number [M/an..25] 3155 Communication channel qualifier [M/an..3]

Description/codeset

	$\mathbf{FX} =$	Telefax
TE =	Teleph	one
$\mathbf{MA} =$	Mail	
$\mathbf{EM} =$	Electro	nic mail

Example

/ The plus sign is not a field separator.

if COM+?+45 3311 8511 ext 452:TE'

≥ ≥ ¿ The preceding number is a phone number.
≥ ≥
¿ This is the phone number.
≥
¿ First occurrence of the COM segment.

6 -

Note: The question mark denotes that the following plus sign is not part of the EDIFACT syntax but part of the telephone number string. It will normally be inserted automatically by the EDI converter.

4.11 CUX Currencies [M 1]

Segment

CUX Currencies [M 1]

To specify currencies used in the transaction and relevant details for the rate of exchange.

Field/composite

C504 CURRENCY DETAILS [C] 6347 Currency details qualifier [M/an..3]

6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 6348 Currency rate base [C/n..4]

C504 CURRENCY DETAILS [C] 6347 Currency details qualifier [M/an..3]

6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 6348 Currency rate base [C/n..4] 5402 RATE OF EXCHANGE [C/n..12]

6341 CURR. MARKET EXCHANGE, CODED [C/an..3] N

_Example___

CUX+2:DEM:100+3:DKR+380.2200'

- \geq \geq *i* the payment currency is DKR + at rate 3.80 DKR per DEM.
- \geq is that the currency for the invoice amounts stated is DEM
- ¿ This is the CUX segment specifying..



Description/codeset

2 = Reference currency which is applicable to the amounts stated (in this case the invoice currency). May have to be converted.

Identification of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code. NOT USED.

Base on which the exchange rate is calculated

3 = Target currency (in this case the payment currency).
 Identification of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code.
 NOT USED.
 NOT USED
 The rate at which one specified currency is expressed in another specified currency.

NOT USED

4.12 PAT Payment terms basis [M 1] @ SG8 [C 10]

Segment

PAT Payment terms basis [M 1]

To specify the payment terms basis.



Field/composite

Description/codeset

4279 PAYMENT TERMS TYPE QUALIFIER [M an..3] Identification of the type of payment terms

- 1 = Basic payment conditions normally applied (according to business practice/terms).
- 3 = Fixed date.
- 20 = Penalty (Penalty rate following in PCD applies when invoice is paid later than latest payment date).
- 22 = Discount (discount rate following in PCD applies when invoice is paid earlier than latest payment date).

Other codes according to agreement between parties.

C110 PAYMENT TERMS [C]

C112 TERMS/TIME INFORMATION [C] 2475 Payment time reference, coded [M/an..3]

2009 Time relation, coded [C/an..3] 2151 Type of period, coded [C/an..3]

2152 Number of periods [C/n..3]

_Example__

5 = Date of invoice72 = Payment date

NOT USED

NOT USED.

Agreed or specified period of time (coded):

 $\mathbf{D} = \mathbf{D}$ ays.

 $\mathbf{M} = \mathbf{M}$ on the second s

Number of periods of the type indicated in data element 2151 Type of period, coded.

PAT+3++5::D:45'PAT+20++72::M:1'

 $\geq \geq \geq \geq \geq \downarrow$ is per commencing month after latest punctual

 $\geq \geq \geq$; Penalty rate in following PCD segment..

 $\geq \geq i$, 45 days after invoice date.

 \geq ¿ Latest punctual payment date is a fixed date..

¿ This is a PAT segment indicating start of payment conditions.

 $[\]geq \geq \geq \geq \geq$ payment date.

4.13 .PCD Percentage details [C 1]

Segment

PCD Percentage details [C 1]

To specify percentage information.



Field/composite

C501 PERCENTAGE DETAILS [M] 5245 Percentage qualifier [M/an..3]

5482 Percentage [C/n..8] 5249 Percentage basis, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, coded [C/an..3]

Example

PCD+15:1.5:13'

 \geq ; penalty rate (1.5%) applying to invoice amount when not paid on \geq

¿ This is a PCD segment specifying percentage of the..

Description/codeset

- **15** = Penalty percentage.
- 12 = Discount percentage.
- 13 = Percentage applies on invoice amount. NOT USED NOT USED

4.14 LIN Line Item [M 1]	SG25 [C 9999999]
Segment LIN Line item [M 1] To identify a line item and configuration.	
<u>Field/composite</u> 1082 LINE ITEM NUMBER [C/n6]	$\frac{Description/codeset}{n =}$ $In = Line number. One line for each insertion.$
1229 ACTION REQ./NOTIFICATION, CODED [C/an3] NOT USED.
 C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an35] 7143 Item number type, coded [C/an3] 1131 Code list qualifier [C/an3] 3055 Code list responsible agency, coded [C/an3] 	NOT USED.
 C829 SUB-LINE INFORMATION [C] 5495 Sub-line indicator, coded [C/an3] 1082 Line item number [C/n6] 	NOT USED.
1222 CONFIGURATION LEVEL [C/n2]	NOT USED.
7083 CONFIGURATION, CODED [C/an3]	NOT USED.
_Example	
/ This is the lin segment \geq / for line 1.	

;f ;f LIN+1'

4.15 .PIA Additional Product Id [C 25]

Segment

PIA Additional product id [C 25]

To specify additional or substitutional item identification codes.



In the IFRA subset two occurences of the PIA segment are used. Even though the structure of each PIA is the same, contents differ. For readability the description of the first and second PIA have been split up (see the following pages).

The table below shows how the compound data elements in the different occurrences of the PIA segments are used. The data content should reflect the placement charged for:

					Placem	ent group	
PIA	Composite	Placement type	Classified			By relative	Editorial
	c212		ad	ad context		pageno.	context
					in book		
1	1	Nature of placement		М	Μ	М	Μ
1	2	Relative page#				Μ	
1	3	Book#			М		
1	4	Page# in book			С		
1	5	Placement on page		С	С	С	С
2	1	Nature of ad	М	М			М
2	2	Class. ad type of transact.	С	С			
2	3	Classified ad section	С	С			
2	4	Editorial context					С
2	5	Classified ad sub-section	С	С			

The rules above are applied in the example below. Please look at the following pages for an explanation of field and code structure.

_Example____

PIA+5+ZPL++1:PBB::999+3:PIB::999'PIA+5+ZDE:NOA::999'

$\geq \geq \geq$	≥	2	¿ The ad is a display ad::	
$\geq \geq \geq$	\geq	\geq	codes as defined by Ifra.	
\geq \geq \geq	\geq	\geq	(second PIA - 1. occ. of c212)	
$\geq \geq \geq$	\geq	\geq		
$\geq \geq \geq$	\geq	ز Third p	age : was the wanted page in the section ::	
$\geq \geq \geq$	\geq	as defined by Ifra (4. occurrence of c212).		
$\geq \geq \geq$	¿1	: was the wanted	l section :: codes as defined by	
$\geq \geq \geq$		RA (3. occurren		
≥ ≥ ¿The	e plac	ement is charge	able.	
≥ ¿ contain	ning io	dentification of t	he placement.	

¿ First occurrence of the PIA segment...

4347 PRODUCT ID FUNCT. QUALIFIER [Man..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C]

7140 Item number [C/an..35] 7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35] 7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35] 7143 Item number type, coded [C/an..3] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

Description/codeset FOR THE FIRST PIA

5 = Product information which specifies and qualifies product identifications.

Nature of placement codes:

- **ZPL** = Definite placement of the ad and chargeable.
- ZNP = Is a specific placement code stating that the ad should <u>not</u> appear in the defined editorial or advertising context. NOP = Nature of placement - in field 7140.

NOT USED

999 = IFRA codeset. Codes maintained by IFRA.

- **1-LST** = First to last page in paper. **PBP** = Placement by page - in field 7140.
- NOT USED 999 = IFRA codeset. Codes maintained by IFRA.
- 1-LST = First to last book in paper. Identifies codes in field 7140 as
 follows:
 PBB = Placement by book in . NOT USED
 999 = IFRA codeset. Codes maintained by IFRA.
- 1-LST = First to last page in book. PIB = Page in book - in field 7140. NOT USED 999 = IFRA codeset. Codes maintained by IFRA.

Placement on page as code defined on the next page or code assigned by seller/sellers agent..

POP = Definite placement on page in field 7140.

 $\mathbf{POD} = \mathbf{Desired placement on page in field}$ 7140.

NOT USED

91 = Assigned by seller/sellers agent.

999 = IFRA codeset. Codes maintained by IFRA.

The following codes can be used for defining placement on page (POP) for any

display ad's. The placement should be specified in first PIA's C212 #5 - field 7140:

- $\mathbf{ROT} = \mathbf{Right}$ of title
- LOT = Left of title
- **RIG** = Right side of the page **CEN** = Centre of the page **LEF** = Left of the page **TOP** = Top of the page **BOT** = Bottom of the page

- TOR = Top right cornerTOC = Top centre
- **TOL** =Top centre**TOL** =Top left corner**MIR** =Middle right**MIC** =Middle centre**MIL** =Middle left

- **BOR** = Bottom right
- **BOC** = Bottom centre
- **BOL** = Bottom left
- **MIX** = Middle of x-word puzzle
- **UNT** = Under text

Field/composite

4347 PRODUCT ID FUNCT. QUALIFIER [M/an..3]

- C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]
- 7143 Item number type, coded [C/an..3]1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, code [C/an..3]

C212 ITEM NUMBER IDENTIFICATION [C] 7140 Item number [C/an..35]

7143 Item number type, coded [C/an..3]

Description/codeset FOR THE SECOND

PIA

5 = Product information which specifies and qualifies product identifications.

Nature of ad codes:

- **ZDE** = Display ad in editorial context.
- **ZDC** = Display ad in classified ad context.
- $\mathbf{ZAC} = \mathbf{Classified} \ \mathbf{ad}.$
- **NOA** = Nature of ad in field 7140. NOT USED
 - **999** = IFRA codeset. Codes maintained by IFRA.

Type of transaction code:

- **SEL** = Selling
- **BUY** = Buying
- AUC= Auction
- **REN**= Rent
- **EXC**= Exchange
- **GIV**= Give away
- **SEE**= Seeking employment
- **OFF**= Offering employment.
- or code according to seller if 3055=91.
 - TOT = Type of transaction in field 7140.
- NOT USED 91 = Assigned by seller/sellers' agent.
- **999** = IFRA codeset. Codes maintained by IFRA.

Code for classified ad section as on next page or code according to seller if 3055=91.

CAS = Classified ad section in field 7140.

NOT USED

91 = Assigned by seller/sellers' agent.

999 = IFRA codeset. Codes maintained by IFRA.

Editorial section codes as defined on page 33 or code according to seller if 3055=**91**.

 $\mathbf{ESL} =$ Editorial section list in field 7140.

NOT USED 91 = Assigned by seller/sellers' agent.

999 = IFRA codeset. Codes maintained by IFRA.

Classified ad subsection according to sellers code list. e.g. car brand.

 $\mathbf{CSS} = \mathbf{Classified}$ ad sub section in field 7140.

1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, code [C/an..3]

NOT USED 91 = agent.

Assigned by seller/sellers'

For classified ad's or display ad's in classified context following codes can be used:

- PRP= Property Business to business BTB= EPL= Employment $\mathbf{CAR} = \mathbf{Cars}$ **MOB**= Motor bike **BOA**= Boats **COV**= Commercial vehicles **HOB**= Hobbies/leisure ANI= Animals SER= Services SEX= Sex ENT= Entertainment EDU= Education BIR= Births **DEA**= Deaths MAR= Marriages Personal announcements PEA= OFF= Official announcements CPT= Computers **COE**= Consumer electronics PAF= Personal affairs announcements TRV= Travel **HHA**= Holiday homes/accommodation CIN= Cinemas TVP= TV progammes CTS= Concerts RST= Restaurants
- **THE**= Theatre
- **FAN**= Financial announcements
- or code according to seller if 3055=91.

For display ad's the following codes can be used:

(Field 7140 in previous c212 contains **ZDE**=Display ad) When field 7143 contains **ESL**=Editorial section list:

- FOR= Foreign news
- INT= Internal/home affairs (in country)
- **REG** = Regional affairs (in country)
- REI= Regional affairs (international)
- **LOC**= Local affairs
- **COM**= Commercial/economic affairs
- **COV**= Commercial vehicles
- SPO= Sports
- **CUL**= Cultural section
- LEA= Leisure
- **HOL**= Holiday
- TRA= Travel
- RTV= Radio/TV
- WEA= Weather
- **TOD**= Today
- **GEN**= General interest **CON**= Consumer affairs
- MOT= Cars
- **FOO**= Food/restaurants **CPU**= Computers
- SCI= Science
- **ENV**= Environment
- **COR**= Company reports
- **SOC**= Society news
- LTE= Opinion/Letters to the editor
- PRO= Property
- EMP= Employment

4.16 .IMD Item Description [C 10]

Segment

IMDItem description[C 10]

To describe an item in either an industry or free format.



Field/composite

7077 ITEM DESCR. TYPE, CODED [C/an..3]

7081 ITEM CHARACTERISTIC, CODED [Can3] ZA

C273 ITEM DESCRIPTION [C]

7009 Item description identification [C/an..7]

- \mathbf{B} = Code and text
- $\mathbf{F} = \mathbf{F}$ Free form
- $\mathbf{C} = 4$ colours

ZSC = Spot colours

ZBW= Black and white

Number = Pantone or other colour number according to code list specified in 3055. If for example a Danish colour code is used field 3055 would contain ZDK or if field 3055 contains ZNL the colorcode would be a dutch colorcode.

When 7081 contains **ZSC** =Spot colours:

- **C** = Process cyan as spot colour.
- M = Process magenta as spot colour.
- **Y** = Process yellow as spot colour.
- **R1** = Red one as spot colour as defined by seller.

When 7081 contains ZBW=Black and white

- $\mathbf{ZTX} = \mathbf{B}/\mathbf{W}$ text only.
- $\mathbf{ZLA} = \mathbf{B}/\mathbf{W}$ line art.
- $\mathbf{ZHT} = \mathbf{B}/\mathbf{W}$ half tone.

ZWB= White on black W/B, negative Used to identify codelist if several code lists exist for a

1131 Code list qualifier [C/an..3]Used to it

3055 Code list responsible agency, coded [C/an..3]

responsible agency (3055). PAN = Pantone colour number.

- $\mathbf{HKS} = \mathbf{HKS}$ colour number
 - 91 = Assigned by seller or sellers agent.
 - **ZZ** = Mutually defined.
 - **Zxx** = Where xx is the identification of a country or geographical entity as specified in ISO 3166 two alpha country code.

7008 Item description [C/an..35] 7008 Item description [C/an..35] 3453 Language, coded [C/an..3] Text description of colour.

NOT USED.

Code of language. Use ISO 639-1988.

7383 SURFACE/LAYER INDICAT. CODE [C/an..3] NOT USED.

_Example_____

IMD+C+ZSC+4::ZDK'IMD+C+ZSC+3::ZDK'

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 \geq ¿ Second IMD containing second colour which is

 \geq number 3 in he Danish DP-number standard.

 \geq

¿ colour code 4 in the Danish DP-number standard.

 $\geq \geq i$ Spot colour is..

 \geq i containing description of add in coded form.

¿First occurrence of the IMD segment...

Note: the sequence of specification is of no importance.

4.17 .MEA Measurements [C 5]

Segment

MEA Measurements [C 5]

To specify physical measurements.



Field/composite

6311 MEASURE. APPLICATION QUALI. [M/an..3]

C502 MEASUREMENT DETAILS [C] 6313 Measurement dimension, coded [C/an..3]

Description/codeset

SE = Property specifications.

- **HT** = Height dimension.
- WD = Width dimension.
- $\mathbf{ZV} = \mathbf{Vertical}.$
- **ZH** = Horizontal.
- $\mathbf{ZSA} = \mathbf{Surface}$ area.

C174 VALUE/RANGE [C] 6411 Measure unit qualifier [M/an..3]

- **ZC** = Columns.
- $\mathbf{ZL} =$ Lines.
- **MMT** = Millimetres.
- **MO** = Modules.
- WD = Words.
- $\mathbf{ZDP} = \mathbf{Double page}.$
- $\mathbf{ZFP} = \mathbf{Full page}.$
- **ZPP** = Page part. Divisor specified in field 6314 i.e. if measure unit qualifier is ZPP and field 6314 contains 2 then it is a half page ad.
- **ZCM**= Column millimetres.
- $\mathbf{ZCI} = \mathbf{Column inches.}$
- $\mathbf{UN} = \mathbf{Units}.$

NOT USED. NOT USED.

6314 Measurement value [C/n..18] 6162 Range minimum [C/n..18] 6152 Range maximum [C/n..18]

7383 SURFACE/LAYER INDICATOR, CODED [C]

Example

MEA+SE+WD+ZC:2'MEA+SE+HT+ZCM:150'

- $\geq \geq \geq \geq$ *i* Second MEA containing the height of the ad
- $\geq \geq \geq \geq$ which was 150 millimetres.
- \geq \geq \geq \geq
- $\geq \geq \geq \frac{1}{6}$ which was two columns wide.
- $\geq \geq i$ for the width of the ad..
- \geq ζ containing property specifications..
- ¿ First occurrence of the MEA segment..

NOT USED.

4.18 .FTX Free Text [C 5]

Segment

Field/composite

FTX Free text [C 5]

To provide free form or coded text information.



4451 TEXT SUBJECT QUALIFIER [M/an..3]



INV = Invoice instruction (for the bureau). Text repeats invoice instruction given in original order.

LIN = Text contains line information (additional information which needs to be explained).

4453 TEXT FUNCTION, CODED [C]

C107 TEXT REFERENCE [C]

C108 TEXT LITERAL [C] 4440 Free text [M/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70] 4440 Free text [C/an..70]

3453 LANGUAGE, CODED [C/an..3]

NOT USED.

NOT USED.

Code of language. Use ISO 639-1988.

_Example____

FTX+INV+++I DAGENS USíDVA 219463+DK'

- $\geq \geq \geq$ *i* The reference is in danish.
- $\geq \geq \geq \geq$
- $\geq \geq \dot{c}$ as wished by the bureau (part of header and orderno.)
- \geq *i* containing a reference to the original order..
- \dot{c} First occurrence of the FTX segment..

4.19 .MOA Monetary amount [M 1] SG26 [C 5]

Segment

MOA Monetary amount [M 1]

To specify a monetary amount.



Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]



- **25** = Charge/allowance basis. Amount before allowances and charges excl. tax.
- 56 = Duty/tax/fee basis amount. The amount specified is the basis for duty/tax or fee. Code used for the line item amount excl. tax.

Identification of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code. NOT USED. NOT USED.

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3]

Comments:

- The unit price is stated in the PRI segment.
- The number of units are stated in the MEA segment (NOT in the QTY in segment group 38 ALC).
- The result of "units times price" is stated in the first MOA segment group 26 with code 25 (charge/allowance basis).
- Details of allowances and charges and related tax are stated in segment group 38 ALC.
- The end result is stated in the second MOA segment group 26 with code 56.
- The resulting sum of the (different) tax rates are stated in the Segment group 33 TAX.

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). Cross border advertising makes it nessessary to be able to state more than one currency in each line e.g. amount in original currency and amount in invoicing currency according to the line items CUX segment and CUX segment exchange rate i.e. each MOA segment will have a currency code.

Example

MOA+56:3000.00:DEM'

 $[\]geq \geq \frac{1}{6}$ amounts to 3.000,00 in invoice currency Deutsche Mark.

 $[\]geq$ i, that the total amount of the line item after allowances, charges and tax

[¿] This is the MOA segment specifying..

4.20 ..CUX Currencies [C 1]

Segment

CUX Currencies [C 1]

To specify currencies used in the line item and relevant details for the rate of exchange.

Field/composite

C504 CURRENCY DETAILS [C] 6347 Currency details qualifier [M/an..3]

6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 6348 Currency rate base [C/n..4]

C504 CURRENCY DETAILS [C] 6347 Currency details qualifier [M/an..3]

6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 6348 Currency rate base [C/n..4]

5402 RATE OF EXCHANGE [C/n..12]



Description/codeset

2 = Reference currency which is applicable to the amounts stated i.e. original currency from which the specific line item amount has been calculated

Identification of the monetary unit involved in the transaction. Note: Use ISO 4217 three alpha code. NOT USED.

Base on which the exchange rate is calculated

3 = Target currency. In our case the invoice currency. If payment currency is different from invoice currency this would be stated in the header section.

Identification of the monetary unit involved in the transaction. Use ISO 4217 three alpha code.

NOT USED. NOT USED

The rate at which the line item MOA's in the specific currency have been exchanged.

6341 CURR. MARKET EXCHANGE, CODED [C/an..3] NOT USED

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). Cross border advertising makes it nessessary to be able to state more than one currency in each line e.g. amount in original currency and amount in invoicing currency according to the line items CUX segment and CUX segment exchange rate i.e. each MOA segment will have a currency code.

_Example___

CUX+2:DKR:1+3:DEM+0.263'

- \geq \geq \dot{c} has been converted to Deutche Mmark DEM + at rate 0.263 DEM per DKR
- \geq *i* that the line item amount currency danish kroner DKR (original currency)
- ¿ This is the CUX segment specifying..

Segment

PRI Price details [M 1]

To specify price information.



Field/composite

C509 PRICE INFORMATION [C] 5125 Price qualifier [M/an..3]

5118 Price [C/n..15] 5375 Price type, coded [C/an..3]

5387 Price type qualifier [C/an..3]

5284 Unit price basis [C/n..9] 6411 Measure unit qualifier [C/an..3]

5213 SUB-LINE PRICE CHANGE, CODED [C]

_Example____

PRI+AAB:12000:CA'

 $\geq \geq \zeta$ which is 12.000,00 according to price list.

 \geq i containing price for the line item before allowances and charges..

ζ First occurrence of the price segment..

Description/codeset

- **AAA** = Calculation net. The price for the line item includes allowances and charges.
- **AAB** = Calculation gross. The price for the line item is the price to which allowances and charges apply.
- **CA** = Catalogue price as per price list (see 5375)
- **CT** = Contract price (linked to SG26-3035, which states who the prime contractor is with whom a special rate has been negotiated).
- $\mathbf{QT} = \mathbf{Quoted price (see above).}$
- **ZZZ** = Code for the cases where a newspaper has different price lists for different branches to say which branch is meant.

Basis on which the unit price/rate applies. Indication of the unit of measurement.

NOT USED.

4.22 .RFF Reference [M 1]

Segment

RFF Reference [M1]

To specify a reference. This segment is used to specify ad to the agent/representative and to identify a previous order causing a discount.

Field/composite

C506 REFERENCE [M] 1153 Reference qualifier [M/an..3]



Description/codeset

- **ON** = Purchase order number. Reference number assigned by the buyer (the bureau) to an order.
- VN = Vendor order number. Reference number assigned by the supplier (the media) to a buyer's purchase order. Mandatory in the danish subset.
- **PD** = Promotional deal. The number which identifies the ad as part of a promotional deal e.g. the previous purchase order number (buyer) which in connection with this order causes a discount.

1154 Reference number [C/an..35]1156 Line number [C/an..6]4000 Reference version number [C/an..35]

_Example_____

RFF+ON:123456'RFF+VN:765432'

 $\geq \geq \dot{c}$ which is this number.

 \geq is the order number which was originally assigned by the buyer

 \dot{c} This is the RFF segment specifying..



17 = Region of destination i.e. in this case the publication packet the ad appeared in (cross sold ad's).

Name of publication, local edition or publication packet. NOT USED.

ZZZ = Mutually defined i.e. field 3225 contains an id mutually agreed upon. NOT USED

NOT USED

C553 RELATED LOCATION TWO ID. [C] NOT USED

3233 Related place/location two identification [C/an..25]

1131 Code list qualifier [C/an..3]

3055 Code list responsible agency, coded [C/an..3] 3232 Related place/location two [C/an..70]

C517 LOCATION IDENTIFICATION [C] 3225 Place/location identification [C/an..25]

C519 RELATED LOCATION ONE ID [C]

3222 Related place/location one [C/an..70]

3223 Related place/location one id [C/an..25]

3055 Code list responsible agency, coded [C/an..3]

3055 Code list responsible agency, coded [C/an..3]

1131 Code list qualifier [C/an..3]

3224 Place/location [C/an..17]

1131 Code list qualifier [C/an..3]

5479 RELATION, CODED [C]

NOT USED

Example

LOC+8+200140::ZZZ'

 $\geq \geq \frac{1}{2}$ is which is the code for Politiken as mutually agreed upon.

 \geq is the publication the ad appeared in..

¿ This is the LOC segment specifying..

4.24 ..DTM Date/Time/Period [C 5]

Segment

DTM Date/time/period [C 5]

To specify date, and/or time, or period. This is the publication date of the ad. The publication date should be the date printed on the newspaper <u>not</u> the date the date the newspaper is produced.



Field/composite

C507 DATE/TIME/PERIOD [M] 2005 Date/time/period qualifier [M/an..3] 2380 Date/time/period [C/an..35] 2379 Date/time/period format qualifier [C/an..3]

Description/codeset

- **302** = Publication date/time.
- 102 = CCYYMMDD.203 = CCYYMMDDHHMM.

Example

DTM+302:19941001:102'

- $\geq \geq \geq i$ according to the CCYYMMDD format.
- $\geq \geq \zeta$ which was the 1st of October..

 \geq *i* publication date..

¿ This is the DTM segment specifying..

4.25 .TAX Duty/tax/fee details [M 1] 🖉 SG33 [C 99]

Segment

TAX Duty/tax/fee details [M1]

> To specify relevant duty/tax/fee information. Contains - if used - sum of each assessment base and tax rate



Field/composite

Field/composite	Descri	ption/cod	eset
5283 DUTY/TAX/FEE FUNCTION QUALIFIER [M/an.	.3]	7 =	Tax.

C241 DUTY/TAX/FEE TYPE [C] 5153 Duty/tax/fee type, coded [C/an..3]

1131 Code list qualifier [C/an..3]

5152 Duty/tax/fee type [C/an..35]

VAT = Value added tax. A tax ondomestic or imported goods applied to the value added at each stage in the production/distribution cycle.

NOT USED. NOT USED.

Tax identifier in text

NOT USED.

C533 DUTY/TAX/FEE ACCOUNT DETAIL [C]

3055 Code list responsible agency, coded [C/an..3]

5286 DUTY/TAX/FEE ASSESSMENT BASE [C/an..15] Invoice amount before tax. In this case line item.

C243 DUTY/TAX/FEE DETAIL [C] 5279 Duty/tax/fee rate identification [C/an..7] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5278 Duty/tax/fee rate [C/an..17] 5273 Duty/tax/fee rate basis identification [C/an..12] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5305 DUTY/TAX/FEE CATEGORY, CODED [C] 3446 PARTY TAX ID. NUMBER [C]

NOT USED. NOT USED. NOT USED. Tax rate. NOT USED. NOT USED. NOT USED. NOT USED. NOT USED.

_Example__

TAX+7+VAT++7200+:::25'

 \geq > i, which should have 25% added to make up the line amount \geq

¿ basis (in this case line total before tax) is 7200.00 \geq \geq

¿ that the value added tax.. \geq

¿ This is the TAX segment specifying..

4.26 ...MOA Monetary amount [C 1]

Segment

MOA Monetary amount [C 1]

To specify a monetary amount.



Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3] 150 = Value added tax. Amount in national currency resulting from the application, at the appropriate rate, of value added tax to the invoice amount subject to such tax.
Tax amount.
Identification of the monetary unit involved in the transaction. Use ISO 4217 three alpha code.

NOT USED. NOT USED.

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). They need to be able to state the individual tax-amounts from the different countries involved. These tax amounts are distinguished using the currency code in field 6345 and the TAX-segments duty/tax/fee type in field 5152 which is a free text field.

Example

MOA+150:1800.00:GBP'

 $\geq \geq i$, 1.800,00 in national currency.

 \geq *i*, that tax has been calculated to...

¿ This is the MOA segment specifying..

4.27 .NAD Name and Address [M 1] @ SG34 [C 20]

Segment

NAD Name and address [M 1]

To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 through 3207.



Field/composite

3035 PARTY QUALIFIER [M/an..3]

C082 PARTY IDENTIFICATION DETAILS [C] 3039 Party id identification [M/an..17] 1131 Code list qualifier [C/an..3]

3055 Code list responsible agency, coded [C/an..3]

C058 NAME AND ADDRESS [C]

C080 PARTY NAME [C] 3036 Party name [M/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3036 Party name [C/an..35] 3045 Party name format, coded [C/an..3]

C059 STREET [C] 3042 Street and number/P.O. Box [M/an..35] 3042 Street and number/P.O. Box [C/an..35] 3042 Street and number/P.O. Box [C/an..35]

3164 CITY NAME [C/an..35]

3229 COUNTRY SUB-ENTITY IDENTIFICATION [C/an..9]

3251 POSTCODE IDENTIFICATION [C/an..9] 3207 COUNTRY, CODED [C/an..3]

Description/codeset

- **PG** = Prime contractor (Ultimate customer).
- **AG** = Agent/representative.

Code values as specified in header.

160 = Party ID.

Code to be assigned between the seller and the party ordering the ad:

- 91 = Assigned by seller or seller's agent
- 92 = Assigned by buyer or buyer's agent
- 9 = EAN number
- **16** = Dun & Bradstreet number
- **ZZZ** = Mutually defined. In our case when VAT-number is part of the identification.

NOT USED.

NOT USED

Identification of the name of a country or other geographical entity as specified in ISO 3166 two digit alpha country code.

NAD+PG+12345678:160:91++Magasin'

 $\geq \geq \geq \qquad i \text{ The name of the prime contractor.}$ $\geq \geq \qquad i \text{ The prime contractors' account number of the prime contr$

 \dot{c} The prime contractors' account number as assigned by the seller.

 \geq ; who is the prime contractor (advertiser).

¿ This is the NAD segment specifying..

4.28 ..RFF Reference [M 1]

Segment

RFF Reference [M1]

To specify a reference. This segment is used to identify a contract between a buyer and a seller , which is of specific importance to this ad (this line item).

Field/composite

C506 REFERENCE [M] 1153 Reference qualifier [M/an..3]



Description/codeset

CT = Contract number identifying the overall contract between the newspaper and the ,parent company of the buyer or his/her agent/representative.

1154 Reference number [C/an..35] 1156 Line number [C/an..6] 4000 Reference version number [C/an..35]

_Example____

RFF+CT:123456'

 $\geq \geq \zeta$ This is the contract number.

 \geq is the contract number between the media and the advertiser.

¿ This is the RFF segment specifying..

NOT USED NOT USED

4.29 .ALC Allowance or charge [M 1] @ SG38 [C 15]

Segment

ALC Allowance or charge [M 1]

To identify allowance or charge details.

Field/composite

5463 ALLOWANCE OR CHARGE QUALIF. [M]

C552 ALLOWANCE/CHARGE INFO. [C]

1230 Allowance or charge number [C/an..35]

5189 Charge/allowance description, coded [C/an..3]

4471 SETTLEMENT, CODED [C]

1227 CALC. SEQ. INDICATOR CODED [C/an..3]

C214 SPECIAL SERVICES IDENTIFICATION [C]

7161 Special services, coded [M/an..3]



Description/codeset

 $\mathbf{A} =$ Allowance. $\mathbf{C} =$ Charge.

Identification of allowance/charge information by number and/or code.

Number assigned by a party referencing an allowance, promotional deal or charge. Identification of a charge or allowance.

4 = Credit customer account. Cases where a buyer has an account with the seller.

Running number indicating calculation number. Explains in which sequence allowances and charges are calculated.

Identification of a special service by a code from a specified source.

- **AAD**= Agreed-upon discount
- **AAF**= Advertising agency fee
- ACD= Campaign discount
- ACO= Complaint/reclamation discount.
- **ADD**= Direct mail client discount.
- **AFD**= Float discount.
- **AFI**= Free insertion discount.
- AMC= Major client discount.
- **AMD**= Material discount.
- **AMP**= Multiple pages discount.
- **APD**= Package discount.
- **ARD**= Repetition discount.
- **ASB**= Stand by discount.
- **ASD**= Series discount.
- ASE= Season discount.
- ASL= Split run discount.
- **ASP**= Specific discount.
- **ASR**= Season repetition discount.
- **ATD**= Order type discount.
- AXX= Other discount.

1131 Code list qualifier [C/an..3]

3055 Code list responsible agency, code [C/an..3]

7160 Special service [C/an..35]

Example

ALC+A++++ASD::999'

¿ series discount according to the IFRA-codeset $\geq \geq$

- $\geq \geq$ as specified in the following PCD-segment
- $\geq \geq$.

 \geq i an allowance for a

¿ This is the ALC segment specifying

- **CAH**= Adhesion.
- CAP= Additional proofs.
- CAT= Additional transparancies.
- CCA= Colour additions.
- **CCC**= Charge collection fees.
- CCO = Copies.
- **CCR**= Corrections.
- CCS= Colour separation. CCL= Colour charge.
- CDF= Destination fee.
- CEA= Cellophaning of annex.
- Freight charges. CFC=
- **CHH**= Handling charges.
- CIN= Inset.
- **CLC**= Late charges.
- CLF= Late fees.
- CLO= Logo copy.
- **CMA**= Margin addition.
- **CMC**= Material charge.
- **CMR**= Material replacement
- **COP**= Outside printing charges.
- **CPA**= Printing of annex.
- **CPC**= Printing charges.
- CPE= Perforation.
- CPF= Mail/phone fees.
- CPH= Photography.
- **CRC**= Repro charges.
- CSP= Scrap/proof.
- CSR= Split run addition.
- CSS =Special spacing.
- CTE= Technical expenses.
- CTR= Tear sheets.
- CTS= Extra typesetting.
- CXX= Other additional charges.

NOT USED.

999 = IFRA codeset. Codes maintained by IFRA.

- $\mathbf{Z}\mathbf{Z}\mathbf{Z} =$ Mutually defined.
- **91** = 7161 codes according to seller's codeset.

Description of allowance or charge in cases where there is no IFRA or mutually defined code.

4.30 ...QTY Quantity [M 1] **SG39** [C 1] 96.A Segment QTY Quantity [M 1] To specify a pertinent quantity. COM C 5 CUX C1 **Description/codeset Field/composite** C186 QUANTITY DETAILS [M 1] 6063 Quantity qualifier [M/an..3] 2 = Charge quantity. 130 =Allowance quantity. Contains number of units according to 6060 Quantity [M/n..15] allowance or charge code in ALC and 6411 measure unit qualifier (see below). 6411 Measure unit qualifier [C/an..3] Indication of the unit of measurement in which area or other quantity is expressed. **ZCM**= Column millimeter. Used for specifying "colour column millimetres" causing millimeter discounts.

Used in conjunction with ALC - 7161 special service "CCA colour addition".

_Example__

QTY+130:50:ZCM'

- $\geq \geq \geq \frac{1}{6}$ colour column millimetres.
- $\geq \geq i$ which is 50..
- \geq i allowance quantity (relevant to ALC)...
- ¿ This is the QTY segment specifying..

4.31 ..PCD Percentage details [M 1] _ SG40 [C 1]

Segment

PCD Percentage details [M 1]

To specify percentage information.



Field/composite

C501 PERCENTAGE DETAILS [M] 5245 Percentage qualifier [M/an..3]

5482 Percentage [C/n..8]
5249 Percentage basis, coded [C/an..3]
1131 Code list qualifier [C/an..3]
3055 Code list responsible agency, coded [C/an..3]

Example

PCD+3:25'

 $\geq \geq i$, which is 25%.

 \geq is the allowance percent for the special service in the ALC..

¿ This is the PCD segment specifying..

Description/codeset

3 = Allowance or charge according to ALC segment.

NOT USED. NOT USED. NOT USED.

4.32 .. MOA Monetary amount [M 1] _ _ SG41 [C 2]

Segment

MOA Monetary amount [M 1]

To specify a monetary amount. This specifies the allowance or charge percent as a monetary amount or is used for specification of the unit price

Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]



Description/codeset

alpha code.

NOT USED.

NOT USED.

- **8** = Total amount of allowance or charge
- **25** = Charge/allowance basis. Amount before the allowance or charge.
- 146 = Unit price. Used in conjunction with QTY when the price per unit needs to be specified.

Identification of the monetary unit involved in the transaction. Note: Use ISO 4216 three

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3]

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). Cross border advertising makes it nessessary to be able to state more than one currency in each line e.g. amount in original currency and amount in invoicing currency according to the line items CUX segment and CUX segment exchange rate i.e. each MOA segment will have a currency code.

Example

MOA+8:300.00'

¿ This is the MOA segment specifying..

 $[\]geq \geq$ i 300.00 in invoice currency.

 $[\]geq$ i that the percentage amounts to..

4.33 ..TAX Duty/tax/fee details [M 1] _ SG43 [C 5]

Segment

TAX Duty/tax/fee details [M1]

To specify relevant duty/tax/fee information.



Field/composite

<u>escription/codeset</u> 7 = Tax

5283 DUTY/TAX/FEE FUNCTION QUALIFIER [M/a..3]

C241 DUTY/TAX/FEE TYPE [C] 5153 Duty/tax/fee type, coded [C/an..3]

VAT = Value added tax. A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle. NOT USED.

1131 Code list qualifier [C/an..3]3055 Code list responsible agency, coded [C/an..3]5152 Duty/tax/fee type [C/an..35]

Tax identifier in text.

NOT USED.

C533 DUTY/TAX/FEE ACCOUNT DETAIL [C]

5286 DUTY/TAX/FEE ASSESSMENT BASE [C/an..15] Allowance or charge amount before tax.

C243 DUTY/TAX/FEE DETAIL [C] 5279 Duty/tax/fee rate identification [C/an..7] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5278 Duty/tax/fee rate [C/an..17] 5273 Duty/tax/fee rate basis identification [C/an..12] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5305 DUTY/TAX/FEE CATEGORY, CODED [C] 3446 PARTY TAX ID. NUMBER [C]

Example

TAX+7+VAT::NEWSPAPER++4+:::6'

- \geq \geq \geq \vdots should have 6% added to make up amount charged
- $\geq \geq i$ The basis amount is 4 which..
- \geq *i*, the tax for the tearsheets.

¿ This is the TAX segment specifying..

NOT USED. NOT USED. Tax rate. NOT USED. NOT USED. NOT USED. NOT USED. NOT USED.

NOT USED.

4.34 ...MOA Monetary amount [C 1]

Segment

MOA Monetary amount

To specify a monetary amount.



Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]

Description/codeset

150 = Value added tax. Amount in national currency resulting from the application, at the appropriate rate, of value added tax to the invoice amount subject to such tax.
 Tax amount.
 Identification of the monetary unit involved in the transaction. Note: Use ISO 4216 three alpha code.
 NOT USED.
 NOT USED.

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3]

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). They need to be able to state the individual tax-amounts from the different countries involved. These tax amounts are distinguished using the currency code in field 6345 and the TAX-segments duty/tax/fee type in field 5152 which is a free text field.

_Example___

MOA+150:0.24'

 $\geq \geq i 0.24$ in national currency.

 \geq ; that tax has been calulated to...

¿ This is the MOA segment specifying..

4.35 UNS Section Control [M 1]

Segment

UNS Section control [M 1]

A service segment placed at the start of the summary section to avoid segment collision. See ISO 9735 for details.

Field/composite

0081 SECTION IDENTIFICATION E88 [M/a1]



Description/codeset

S = Identification of the summary section.

Example

UNS+S'

 \geq ζ start of summary section

¿ This is the UNS segment specifying..

4.36 MOA Monetary amount [M 1] 🔄 SG48 [M100]

Segment

MOA Monetary amount [M 1]

To specify a monetary amount.



Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3]

_Example__

MOA+9:9000.00'

 $\geq \geq \zeta$ 9.000,00 in invoice currency.

 \geq is that the amount due for the invoice has been calculated to...

¿ This is the MOA segment specifying..

Description/codeset

9 = Amount due/amount payable. The resulting amount after all the allowances and charges including tax.

Identification of the monetary unit involved in the transaction. Use ISO 4216 three alpha code. NOT USED. NOT USED.

4.37 TAX Duty/tax/fee details [M 1] I SG50 [C 10]

Segment

TAX Duty/tax/fee details [M1]

> To specify relevant duty/tax/fee information.



Field/composite

Description/codeset 7 = Tax.

5283 DUTY/TAX/FEE FUNCTION QUALIFIER [M/an..3]

C241 DUTY/TAX/FEE TYPE [C] 5153 Duty/tax/fee type, coded [C/an..3]

1131 Code list qualifier [C/an..3]

5152 Duty/tax/fee type [C/an..35]

VAT = Value added tax. A tax ondomestic or imported goods applied to the value added at each stage in the production/distribution cycle.

NOT USED. 3055 Code list responsible agency, coded [C/an..3]

NOT USED. Tax identifier in text.

NOT USED.

C533 DUTY/TAX/FEE ACCOUNT DETAIL [C]

5286 DUTY/TAX/FEE ASSESSMENT BASE [C/an..15] Assessment base before tax.

C243 DUTY/TAX/FEE DETAIL [C] 5279 Duty/tax/fee rate identification [C/an..7] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5278 Duty/tax/fee rate [C/an..17] 5273 Duty/tax/fee rate basis identification [C/an..12] 1131 Code list qualifier [C/an..3] 3055 Code list responsible agency, coded [C/an..3] 5305 DUTY/TAX/FEE CATEGORY, CODED [C] 3446 PARTY TAX ID. NUMBER [C]

NOT USED. NOT USED. NOT USED. Tax rate. NOT USED. NOT USED. NOT USED. NOT USED. NOT USED.

Example

TAX+7+VAT++7200+:::25'

 $\geq \geq$ ¿ which should have 25% added to make up the invoice amount 2

 \geq \geq ¿ basis (in this case invoice total before tax) is 7200.00

 \geq i, that the value added tax...

¿ This is the TAX segment specifying..

4.38 .MOA Monetary amount [C 2]

Segment

MOA Monetary amount [C 2]

To specify a monetary amount.



Field/composite

C516 MONETARY AMOUNT [M] 5025 Monetary amount type qualifier [M/an..3]

150 = Value added tax. Amount in national currency resulting from the application, at the appropriate rate, of value added tax to the amount subject to such tax.
 Tax amount.
 Identification of the monetary unit involved in the transaction. Use ISO 4216 three alpha code.
 NOT USED.
 NOT USED.

5004 Monetary amount [C/n..18] 6345 Currency, coded [C/an..3]

6343 Currency qualifier [C/an..3] 4405 Status, coded [C/an..3]

Currency information in the line item is used by the media bureaus/clearing houses (no newspaper uses multi currency line items). They need to be able to state the individual tax-amounts from the different countries involved. These tax amounts are distinguished using the currency code in field 6345 and the TAX-segments duty/tax/fee type in field 5152 which is a free text field.

_Example___

MOA+150:1800.00'

 $\geq \geq i$, 1.800,00 in national currency.

 \geq ; that tax has been calculated to...

¿ This is the MOA segment specifying..

4.39 UNT Message Trailer [M 1]

Segment

UNT Message trailer [M 1]

A service segment ending a message, giving the total number of segments in the message and the control reference number of the message. See ISO 9735 for details.

Field/composite

0074 NO. OF SEGMENTS IN THE MSG. [M/n..6]

0062 MESSAGE REFERENCE NO. [M/an..14]



Description/codeset

Used to control that all segments have been transferred.

This is the message reference number also contained in the header UNH. Used for controlling the transfer.

Example

UNT+99+REF01'

 $\geq \geq i$ the message ref. number.

 \geq *i* number of segments in the message and..

 $\dot{\boldsymbol{\zeta}}$ This is the UNT segment specifying..

5 Appendix

Syntax rules - EDI Message Structure 5.1

A typical example of segments and associated field description could look like the following....

Segment/field

BGM Beginning of message [M 1]

C002 DOCUMENT/MESSAGE NAME [C] 1001 Document/message name, coded [C/an..3]

1004 DOCUMENT/MESSAGE NUMBER [C]

1225 MESSAGE FUNCTION, CODED [C]

4343 RESPONSE TYPE, CODED [C]

NAD Name and address [M 1]

The description means the following.....

BGM Beginning of message

"BGM" is the code, that

identifies the beginning of the BGM segment and the segment in the segmentsdirectory.

C002 DOCUMENT/MESSAGE NAME

 The "C" indicates start of a composite data element i.e. group of fields (data elements) c002 identifies the composite in the composite data elements directory.

[C/an..3] 1001 Document/msg. name, coded \clubsuit Conditional

 \clubsuit Field number and description. 1001 identifies the field in the field and code directory.

 \clubsuit First level fields and composites are stated using capital letters whereas composite fields are stated using normal typecast.

NAD Name and address [M 1]

Solution New segment

Description/codeset

To indicate the type and function of a message and to transmit the identifying number.

380 =Commercial invoice.

NOT USED.

9 = Original invoice.

Type of responce wished by the sender: $\mathbf{NA} =$ No acknowledgement needed



₿ I Mandatory



To indicate type and function of a message and to transmit the identifying number.

 \Rightarrow Describes the purpose of BGM segment. A value of "C" would indicate Conditional. The number indicates possible segment occurrences.

Sconditional element group (composite data element) A **M** instead would mean mandatory

380 =**Commercial invoice**

Sequal sign always follows valid codes.

alpha numeric field containing from 0 to 3 characters (o since conditional - else from 1 to 3 char.). An **a** means alphabetic and a **n** would mean

numeric. Numeric values should be printable characters. Decimal characters are transmitted using comma(,) or point (.). No thousand separator may be used.

SG2 [C 20]

 This indicates the start of segment group 2 which can be repeated up to 20 times. The repetition includes subordinate segments according to the structure diagram. The NAD segment is the "trigger" segment for SG2.

[C]

M1

5.2 Syntax rules - EDI Message Examples

The syntax used in the examples are the same as the actual syntax used in the EDI-message. Here is how it looks and how it should be interpreted....

Example

UNH+REF?:01+INVOIC:1:921:UN:EDIFRA'

	$\geq \geq$	\geq ; This is the segment separator which follows		
\geq	$\geq \geq$	\geq the last value in the segment.		
\geq	$\geq \geq$	≥		
\geq	\geq \geq	\dot{c} A separator for fields <u>in</u> a composite field.		
\geq	$\geq \geq$	Two separators (::) indicates a missing value.		
\geq	$\geq \geq$			
\geq	≥ ¿This is a n	ormal field separator between fields/composites.		
\geq	≥ Two separa	ntors (++) indicates a missing value (missing field).		
\geq	≥			
\geq i A "?" in front of a special character means: do not interpret as special ch.				
\geq In this case do not interpret ":" as a composite separator.				
\geq				
¿ Code that identifies the beginning of the segment.				

For reasons of readibility the examples in the document will show the individual segments as individual lines. Do not try to see the individual examples as a whole i.e. part of a theoretically exsisting message. The examples are designed to clarify the usage of the individual segments.

In the actual EDI-message the whole message will be a consecutive string of characters as seen in the following figure. Do not interpret the message shown. See it as an example. Construction and interpretation of the actual edi-message is a job for a "off the shelf" software edi-translator.

```
UNH+REF01+INVOIC:1:96A:UN:EDIFRA'BGM+380+815494+9+NA'DTM+243:19881
2311545:203'RFF+PQ:815494'NAD+BY+060099:160:9++Gunnas Reklame:Co R
eklamedata+Dortheavej 1-3+KÌbenhavn NV++2400'NAD+SE+051263:160:9++
Det Berlingske Hus+PilestrÊde 34+KÌbenhavn K++1147'FII+RB+99999999
:Berlingske Tidende+:::1234:130'CTA+IC+:Berlingske finans'COM+3115
7575:TE'PAT+3++5::D:30'PAT+20++72::M:1'PCD+15:1.5:13'LIN+1'PIA'PIA
+5+ZDE:NOA::999'MEA+SE+WT+ZC:3'MEA+SE+HT+ZM:150'MOA+25:5737.5'MOA+
56+4790.81PRI+CAT:12,75:GRP'RFF+ON+219463'RFF+VN+AS220070'LOC+8+20
0301::ZZZ'DTM+302:19881217:102'NAD+PG+123456:160:9++Customer xyz+
NÌrrebrogade 12345+KÌbenhavn NV++2400'MOA+25:5737.5'ALC+A++4++AAF:
:999PCD+1:16.5'MOA+25:5737.5'MOA+8:946.69'....more LIN's....UNS+S'
MOA+9:1234560'TAX++VAT++:987648+:::25'MOA+150:246912'UNT+31+REF01'
```

The principles for representing data assures that minimal data transfer takes place.

- Segment codes identifies segments used i.e. only used segments are transferred.
- Fields not used are only "represented" in the form of a segment separator (e.g. : or +) and only if used fields are following in the actual segment. If no fields follow then nothing needs to be specified except the segment separator (e.g. ').

5.3 References

The following documents have formed the basis for this document:

- WESEC. Western European EDIFACT Board Secretariat. Electronic TR 96 A Directories; Messages, Segments, Composite Data Elements and Data Elements
- WESEC. Western European EDIFACT Board Secretariat. Electronic Code list. The Consolidated Code lists - CCL of March 93
- UN/EDIFACT syntax rules (ISO 9735).
- UN/EDIFACT DRAFT RECOMMENDATION INVOICE MESSAGE. Published by IFRA. Undated.