

1 - ORDERS

Following table defines information which Golli parses and uses. Message still need to conform EDIFACT standard format e.g. field sizes etc... Used message also should conform <http://www.gs1.org/sites/default/files/docs/eacom/s4/orders.pdf>

				Value (choices etc)		Description	Käyttöohje	TODO
UNB				see UNB, UNZ - Interchange envelope	M	Interchange header	Katso omalta sivultaan	
UNH				ORDERS (see UNH, UNT - Message Envelope)	M	Message header	Katso omalta sivultaan	
BGM					M	Beginning of message		
	C002	1001		220 = Order 227 = Consignment order 402 = Cross docking order 401 = Transshipment	M	Order	220 ostotilaus (tällä hetkellä suoratoimitus tilauksissa varasto) 227 ostotilaus (tällä hetkellä suoratoimitus tilauksissa kauppa) 402 CD malli (Varastoterminaali) jossa tavarantoimittaja merkitsee tilatun tavarän loppuasiakastasolla 401 KUTE-malli (Kuljetusterminaali) jossa tavarantoimittaja pakkaa tilauksien sisällön loppuasiakaskohtaisiin yksiköihin jotka menevät sellaisenaan vastaanottajan terminaalin läpi (kollit ja asiakaslatvat)	Do we want use this general order for all or do we need more choices 227 is not really fitting, but the field is restricted in eacom spec and it is the closest match.
	C106	1004		order identification	M	order number assigned by sender	Tilaaajan tilausnumero	There is mention of GDTI for globally unique ids in EANCOM spec. Do we want something like that?
	1225			9	M	Original order	Gollin 1. vaiheessa vain alkuperäinen tilaus, arvo "9"	Do we need some other cases that EANCOM spec defines?
DTM					M	Order date		
	C507	2005		137	M		tilauspäivä, arvo "137"	
		2380		document /message date /time	M		tilauspäivämäärä muodossa CCYYMMDD	
		2379		102	M	CCYYMMDD	tilauspäivän muoto, arvo "102"	
DTM					O	Delivery date (time)		
	C507	2005		2	M		toimituspäivä, arvo "2"	
		2380		delivery date /time, requested	M		toivottu toimituspäivämäärä muodossa CC YYMMDD tai kellonajan kera CCYYMMDDHHMM	
		2379		102,203	M	CCYYMMDD, CCYYMMDDHHMM	tilauspäivän muoto, arvo "102" tai "203"	
DTM					O	Delivery date ultimate customer UD (time)	Tällä on merkitystä vain jos tilaus on KUTE mallissa . Jos käyttäjä muuttaa suoratoimitustilauksen KUTE malliin, on tämä käytännössä alkuperäisen suoratoimitustilauksen DTM-2	
	C507	2005		Z2	M		toimituspäivä, arvo "Z2" koodi saattaa vaihtua myöhemmin jos käyttötarkoitusta vastaava koodi on määritetty EDIFACTissa. Lisätty nyt koodilla Z2 (oleellista että tieto saadaan Golliin).	
		2380		delivery date /time, requested	M		toivottu toimituspäivämäärä muodossa CCYYMMDD tai kellonajan kera CCYYMMDDHHMM	

		2379			102,203	M		CCYYMMDD, CCYYMMDDHHMM	tilauspäivän muoto, arvo "102" tai "203"	
GRP1						C		References	Can be repeated if multiple references is needed	
	RFF								See RFF	
GRP2						M		Supplier party (supplier using Golli UI for handling orders)		
	NAD				SU = supplier	M		See NAD		
GRP2						M		Buyer party		
	NAD				BY = buyer	M		See NAD		
	GRP3					C				
		RFF			VA = VAT registration number	M		See RFF		
	GRP5					C				
		CTA-COM				M		See CTA-COM		
GRP2						M		Delivery party (E.g. store which will sell goods, warehouse etc. i.e. place where delivery will be send from supplier)		
	NAD				DP = delivery party	M		See NAD		
	LOC					C		See LOC	Toimitusosoitteen tarkenne (esim terminaalin ovi jne..)	
GRP2						C		Invoicee party		
	NAD				IV = invoicee party	M		See NAD	Laskutustiedot. Tavarantoimittaja voi antaa lasketuksessa käytettävän osapuolen tiedot jos laskutettava ei ole sama kuin ostaja. Golli alkaa käyttämään tietoa vasta myöhemmässä vaiheessa kun laskutustuki otetaan käyttöön. Katso tarkemmin omalta sivultaan	
	GRP3					C				
		RFF			VA = VAT registration number	M		See RFF		
GRP2						M		Ultimate customer if delivery is sent to terminal (E. g. store which will sell goods)		
	NAD				UD = ultimate customer	M		See NAD		
	LOC					C		See LOC	Toimitusosoitteen tarkenne (esim terminaalin käyttämät reititustiedot loppuasiakasta varten)	
GRP7						C	M		Currency of orders	

	CUX				9 = order currency			See CUX		
GRP8						C	M		Used for net term	
	PAT				1 = basic	M		See PAT	Payment term	
	DTM					C	M			
		C507	2005		13 = Terms net due date	M			Net due day for payment	
			2380		document /message date /time	M			päivä muodossa CCYYMMDD	
			2379		102	M		CCYYMMDD	päivän muoto, arvo "102"	
	PCD				16 = interest percentage	C	C	See PCD	Used for defining interest rate if payment is not done according to terms	
GRP8						C	C		Used for discount term	
	PAT				22 = discount	M		See PAT	Payment term	
	DTM					C	M			
		C507	2005		12 = Terms discount due date	M			Discount due day for payment	
			2380		document /message date /time	M			päivä muodossa CCYYMMDD	
			2379		102	M		CCYYMMDD	päivän muoto, arvo "102"	
	PCD				12 = discount percentage	C	M	See PCD	Actual discount percentage	
GRP28						C	9999999	Ordered items		
	LIN					M		See LIN		
	PIA					C		See PIA		
	IMD					O		See IMD		
	QTY				21 = ordered quantity	M		See QTY		
	GRP32					C		Hintatiedot		
		PRI			AAA = Calculation net	M		See PRI		
	GRP33					C		References	Can be repeated if multiple references is needed	
		RFF							See RFF	
	GRP37					C		Detailed info about delivery for certain line		
		LOC						See LOC		Used in CD model to define detailed info for routing to UD. E. g. drop number etc...
	GRP38					C		See TAX		
		TAX				M				

	GRP39				C		In case of ultimate customer		This is for supporting CD model i.e. buyer is issuing one order with one delivery point which contains ordering lines for multiple end customers..
		NAD		UD = ultimate customer	M		See NAD		
UNS				S = Detail /summary section separator	M				
CNT				Control total	C		See EANCOM spec of usage if want to use. At this point Golli won't check message integrity against this.		
UNT				see UNH , UNT - Message Envelope	M				
UNZ				see UNB , UNZ - Interchange envelope	M				

Notices etc

Here is listed some notices from EDI differences between parties. These need to be processed between parties to find common meaningful info needed for golli to support all needed business cases (is those defined in EANCOM spec unambiguously). It would be really good to describe well the business cases and how Golli is using those. E.g. requirements for DESADV messages etc...

EXCEL which is used for comparison: [ORDERS_sanomarakennevertailu.xlsx](#)

- TUKO has BGM-C002-1000 (Document name) information TRM,TER. Is this needed some business case in Golli
- Kesko and Inex has FTX segment with some information. Are those needed in some business cases in Golli
- All parties have GRP1-RFF-C506 fields with info. What are business cases for those and are there some overlapping business cases? Which are needed by Golli
- There are differences in GRP2-NAD-3035 between parties. Which values are needed and which are overlapping each other. Which are actually meaningful for Golli and is there business cases related to these. What is meaning of C onsignee ([3132] Party to which goods are consigned.) in mean of business case.
- LOC segment has some info on some parties. Is this somehow related to each other or totally separate. Which are business cases for Golli in these?
- GRP5-CTA is defined in some cases. What are business case of these in Golli
- GRP12-TOD (Terms of delivery transport) is used in Kesko are these needed and can those be defined in standard way? Is there business case for these in Golli
- In PIA segment there are differences between parties. Is SA,BP enough for all? These probably not relate to any business case in Golli i.e. only informational fields?
- Kesko uses GRP29-FTX. Is here business case for Golli for this?
- TUKO uses GRP32-PRI. Is there business case for Golli which needs this?
- GRP33-RFF is used by all parties. Which are common uses between parties and must to have info for this? Is there business cases for Golli for these.

Links etc

- <http://www.truugo.com/edifact/d01b/orders>
- <http://www.gs1.org/sites/default/files/docs/eacom/s4/orders.pdf>

Sample message

```
UNA:+.?*'  
UNB+UNOC:4+003716366779:30+003707124049:30+20100209:1404+00000347057112'  
UNH+0000000000001+ORDERS:D:01B:UN:EAN010'  
BGM+220+4551385342+9'  
DTM+137:20100209:102'  
DTM+2:20100209:102'  
NAD+BY+0037123123123123:100++ostoalue+Pallokatu 3+HELSINKI++00160+FI'  
NAD+SU+003707124049:100++YRITYS OY'  
NAD+DP+15077246C615::92++KCM OY KAJAANI+KAUPPAKATU 10+KAJAAANI++87100'  
LIN+1++6416274600657:SRV'  
PIA+1+104621:SA+20301602:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+2++6416274600350:SRV'  
PIA+1+106771:SA+20248029:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+3++6416274600411:SRV'  
PIA+1+200251:SA+20248035:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+4++6416274600503:SRV'  
PIA+1+038741:SA+20253015:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+5++6416274600527:SRV'  
PIA+1+059411:SA+20299574:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+6++6416274600619:SRV'  
PIA+1+100791:SA+20299582:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
LIN+7++6416274600817:SRV'  
PIA+1+175391:SA+20301077:IN'  
IMD+F+++::tuotekuvaus'  
QTY+21:1'  
UNS+S'  
UNT+37+00000000000001'  
UNZ+1+00000347057112'
```

Sample messagr for terminal order (KUTE) (alustava ei verifoitu EDI parserilla)

```
UNA:+.?*'
UNB+UNOC:4+003716366779:30+003707124049:30+20100209:1404+00000347057112'
UNH+00000000000001+ORDERS:D:01B:UN:EAN010'
BGM+401+4551385342+9'
DTM+137:20100209:102'
DTM+2:20100209:102'
NAD+BY+0037123123123123:100++ostoalue+Jokukatu 4+HELSINKI++00160+FI'
NAD+SU+003707124049:100++YRITYS OY'
NAD+DP+15077246C615::92++Inex terminaali+VANTAA++87100'
NAD+UD+15077246C619::92++Sale Koski Tl+Härkätie 123+KOSKI TL++31500'
LOC+7+123::92:F1021359|911-626|9101-210'
LIN+1++6416274600657:SRV'
PIA+1+104621:SA+20301602:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+2++6416274600350:SRV'
PIA+1+106771:SA+20248029:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+3++6416274600411:SRV'
PIA+1+200251:SA+20248035:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+4++6416274600503:SRV'
PIA+1+038741:SA+20253015:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+5++6416274600527:SRV'
PIA+1+059411:SA+20299574:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+6++6416274600619:SRV'
PIA+1+100791:SA+20299582:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
LIN+7++6416274600817:SRV'
PIA+1+175391:SA+20301077:IN'
IMD+F+++::tuotekuvaus'
QTY+21:1'
UNS+S'
UNT+39+00000000000001'
UNZ+1+00000347057112'
```

Sample message for terminal order (CD order having multiple end customers)

CTA/COM are optional so simple message would be even simpler.

UNA:+,?+'
UNB+UNOC:4+003716366779:30+003704106419:30+20151124:1207+00001050140445'
UNH+00000000000001+ORDERS:D:01B:UN:EAN010'
BGM+402+4826590356+9'
DTM+137:20151016:102'
DTM+2:20151019:102'
NAD+BY+0037091191714900:100++Ostaja+Ostajantie 1+VANTAA++01510+FI'
NAD+SU+003704106419:100++HELSINGIN MYLLY OY'
NAD+DP+003709119171V910:100++Terminaali AB+Terminaalintie 5+Vantaa++01380'
LIN+000001++6415002500368:SRV'
PIA+1+6120:SA+20002723:IN+6415002500368:EN+6415002500368:EN'
IMD+F+8+-:92:Munkki-Matix jauhoseos 20kg lton'
QTY+21:1'
RFF+UO:6078328436:000010'
LOC+7+123::92:F1021359|911-626|9101-210'
NAD+UD+1727670::92++Loppuasiakas 1 Oy+Loppuasiakkaantie 18+Helsinki++00100+FI'
CTA+IC+123:Loppuasiakas 1 Oy'
COM+050-591 1234:TE'
LIN+000002++6417721043218:SRV'
PIA+1+4322:SA+20007412:IN+6417721043218:EN+6417721043218:EN'
IMD+F+8+-:92:HM ohrasuurimo 20kg kok'
QTY+21:1'
RFF+UO:6078328436:000020'
LOC+7+123::92:F1021359|911-626|9101-210'
NAD+UD+1727670::92++Loppuasiakas 1 Oy+Loppuasiakkaantie 18+Helsinki++00100+FI'
CTA+IC+123:Loppuasiakas 1 Oy'
COM+050-591 1234:TE'
LIN+000003++6415002500368:SRV'
PIA+1+6120:SA+20002723:IN+6415002500368:EN+6415002500368:EN'
IMD+F+8+-:92:Munkki-Matix jauhoseos 20kg lton'
QTY+21:2'
RFF+UO:6078328437:000010'
LOC+7+129::92:F1031016|849-453|9101-324'
NAD+UD+1743538::92++Loppuasiakas 2 Oy+Loppuasiakkaantie 1+Loviisa++07900+FI'
CTA+IC+124:Loppuasiakas 2 Oy'
COM+019-517 123:TE'
LIN+000004++6417721043218:SRV'
PIA+1+4322:SA+20007412:IN+6417721043218:EN+6417721043218:EN'
IMD+F+8+-:92:HM ohrasuurimo 20kg kok'
QTY+21:2'
RFF+UO:6078328437:000020'
LOC+7+129::92:F1031016|849-453|9101-324'
NAD+UD+1743538::92++Loppuasiakas 2 Oy+Loppuasiakkaantie 1+Loviisa++07900+FI'
CTA+IC+124:Loppuasiakas 2 Oy'
COM+019-517 123:TE'
UNS+S'
UNT+31+00000000000002'
UNZ+1+00001050140445'