

6 - INVOIC

<http://www.gs1.org/sites/default/files/docs/eancom/s4/invoic.pdf>

RFF flowthrough

Notice that Golli supports RFF flow through from ORDERS to INVOIC. E.g. If header level RFF (GRP1) or NAD level (GRP2-GRP3) has references in ORDERS which are not part of normally used references those are included "as is" to INVOIC messages.

				Value (choices etc)	EC	G	Description	Käyttöohje	TODO
UNB				see UNB, UNZ - Interchange envelope	M		Interchange header	Katso omalta sivultaan	
UNH				INVOIC (see UNH, UNT - Message Envelope)	M		Message header	Katso omalta sivultaan	
BGM					M		Beginning of message		
	C002	1001		380 = Commercial Invoice	M		Invoice		
		1131			N				
		3055			N				
		1000		See codes in ORD ERS BGM-C002-1001	O	Document name. Contains currently info about used logistic model. This is informative and added to outgoing messages.			
	C106	1004		invoice identification	M		Invoice number assigned by sender	Laskun numero	Other documents use currently GDTI. Is it ok or do we want to create sequential increasing number for this purpose specially. GS1 figures this out TUKO has max length 10 for invoice number.
	1225			9	M		Original invoice	Gollin 1. vaiheessa vain alkuperäinen lasku, arvo "9"	
DTM					M		Invoice date		
	C507	2005		137	M			Laskun päivä, arvo "137"	
		2380		document /message date /time	M			päivä muodossa CCYYMMDD	
		2379		102	M		CCYYMMDD	päivän muoto, arvo "102"	
DTM					M		Delivery date		
	C507	2005		35	M			Toimituksen toimituspäivä johon lasku liittyy	
		2380		delivery date	M			päivä muodossa CCYYMMDD	
		2379		102	M		CCYYMMDD	päivän muoto, arvo "102"	
PAI					C				
	C534				M				
		4439			O	N			
		4431			O	N			

		4461			42 = Payment to bank	O	M			Is there other payment ways to be supported
		1131				O	N			
		3055				D	N			
		4435				O	N			
FTX					PUR = Purchasing information	C		See FTX		
GRP1						M		References	Can be repeated if multiple references is needed	
	RFF				AAK = despatch advice number	M			See RFF	There is multiple DESADV messages. Need to be discussed how we want to handle this or is it ok to have all references even if not all DESADV messages are sent to certain user.
GRP1						M				
	RFF				PQ = payment reference	M			See RFF. This is in international form which bases on Finnish payment reference.	
GRP2						M		Supplier party (supplier using Golli UI for handling orders)		
	NAD				SU = supplier	M		See NAD		
	GRP3									
		RFF			VA = VAT registration number			See RFF	This comes from Golli master data.	
GRP2						M		Buyer party (buyer defined in ORDERS message)		
	NAD				BY = buyer	M		See NAD		
	GRP3								Using info from ORDERS if available otherwise not delivered	
		RFF			VA = VAT registration number			See RFF		
GRP2						D		Invoicee (If defined in ORDERS message)		
	NAD				IV = Invoicee	D		See NAD		
GRP2						D	M	Delivery party	Contains info about delivery party during shipment	
	NAD				DP = Delivery party	D	M	See NAD		

GRP2					D		Ultimate customer	Defined if invoice is related to KUTE order/shipment.
	NAD			UD = Ultimate customer	D		See NAD	
GRP7					C	M		Currency of invoice
	CUX			4 = invoicing currency	M		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
	FII				C	M	See FII	Used for defining bank account related to payment
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
	MOA			21 = cash discount	C	M	See MOA	Value of cash discount with VAT
GRP26					C			Actual invoice lines
	LIN				M		See LIN	
	PIA				C		See PIA	
	IMD				O		See IMD	
	QTY			47 = invoiced quantity	C		See QTY	
	GRP27							
		MOA		203 = Line item amount			See MOA	
	GRP29				C?			

		PRI			AAA = Calculation net AAB = Calculation gross	M		See PRI	If no allowances are defined then AAA (Contains price with line level allowances and charges included) is used. If allowances are defined then AAB (Contains price with line level without allowances and charges included) is used.	
	GRP30					M		Reference to specific order line in original order		
		RFF			ON	M		Reference to Purchase Order See RFF		
	GRP30					M		Reference to specific order line in original order		
		RFF			POR	M		Reference to Purchase Order Response See RFF		
	GRP30					C		Additional references if available. Can be repeated.		
		RFF						See RFF		
	GRP34					C?				
		TAX				M		See TAX		
	GRP39					C				
		ALC				M		See ALC	Golli supports one line level allowance. If this segment is used then price is defined as AAB otherwise AAA.	
		GRP41				C	M			
			PCD		1 = Allowance	M		See PCD		
UNS						M		Section control		
	0081				Section identification	M		S = Detail /summary section separation		
GRP50					Summaries over whole invoice					
	MOA				125 = taxable amount			See MOA	Total amount without VAT	

	MOA				176 = message total duty/tax /fee amount			See MOA	Amount of VAT totally	
	MOA				86 = Message total monetary amount			See MOA	Total amount with VAT included	
GRP52					Tax summaries over whole invoice per tax base. Repeated for every tax base.					
	TAX									
	MOA				124 = Tax amount			See MOA		
	MOA				125 = Taxable amount			See MOA		
UNT					see UNH, UNT - Message Envelope	M			Mandatory UN /EDIFACT message trailer.	
UNZ					see UNB, UNZ - Interchange envelope					

Example of INVOIC message

UNB+UNOC:4+5851564330332:14+1196138377868:14+20160509:1639+REF123'

-- INVOICE HEADER SECTION --

UNH+REF123+INVOIC:01B:UN:EAN007'
BGM+380+123+9'
DTM+137:20160509:102'
DTM+35:20160509:102'
PAI+:42'
FTX+PUR+++Please pay this invoice ASAP...'
RFF+PQ:12344'
RFF+AAK:DESADV123'
NAD+BY+1196138377868:9++Buyer 2 Oy'
NAD+DP+1196138377868:9++Buyer 2 Oy'
NAD+SU+5851564330332:9++Supplier 4 Tmi'
NAD+IV+1196138377868:9++Buyer 2 Oy'
CUX+2:EUR:4'
PAT+1++5:3:D:30.0'
DTM+13:20160608:102'
PCD+16:5.0:13'
FII+RB+1234556788+NDEAFIH:25:5'
PAT+22++5:3:D:14.0'
DTM+12:20160523:102'
PCD+12:2.0:13'
MOA+21:3.1'
FII+RB+1234556788+NDEAFIH:25:5'

-- INVOICE DETAIL SECTION --

LIN+1++00000000000024:SRV'
QTY+47:3'
MOA+203:3.75'
PRI+AAA:1.25'
RFF+ON:12344:1'
RFF+POR:POR12344:1'
TAX+7+VAT+++::24+S'

-- INVOICE SUMMARY SECTION --

UNS+S'
MOA+125:125.0'
MOA+176:30.0'
MOA+86:155.0'
TAX+7+VAT+++::24+S'
MOA+124:30.0'
MOA+125:125.0'
UNT+37+REF123'
UNZ+1+REF123'

Example of CN INVOIC message (Hyvityslasku)

UNB+UNOC:4+5851564330332:14+1196138377868:14+20160509:1639+REF124'

-- INVOICE HEADER SECTION --

UNH+REF124+INVOIC:01B:UN:EAN007'
BGM+381+124+9'
DTM+137:20160510:102'
PAI+:42'
ALI+++79E
FTX+PUR+++This is a credit note...'
RFF+IV:123
DTM+171:20160509:102
RFF+PQ:12345'
RFF+AAK:DESADV124'
NAD+BY+1196138377868:9++Buyer 2 Oy'
NAD+DP+1196138377868:9++Buyer 2 Oy'
NAD+SU+5851564330332:9++Supplier 4 Tmi'
NAD+IV+1196138377868:9++Buyer 2 Oy'
CUX+2:EUR:4'
PAT+1++5:3:D:30.0'
DTM+13:20160608:102'
PCD+16:5.0:13'
FII+RB+1234556788+NDEAFIH:25:5'
PAT+22++5:3:D:14.0'
DTM+12:20160523:102'
PCD+12:2.0:13'
MOA+21:3.1'
FII+RB+1234556788+NDEAFIH:25:5'

-- INVOICE DETAIL SECTION --

LIN+1++00000000000024:SRV'
QTY+47:3'
MOA+203:3.75'
PRI+AAA:1.25'
RFF+ON:12345:1'
RFF+POR:POR12345:1'
TAX+7+VAT+++:::24+S'

-- INVOICE SUMMARY SECTION --

UNS+S'
MOA+125:125.0'
MOA+176:30.0'
MOA+86:155.0'
TAX+7+VAT+++:::24+S'
MOA+124:30.0'
MOA+125:125.0'
UNT+37+REF124'
UNZ+1+REF124'