

October 1, 2000

ELECTRONIC DATA INTERCHANGE PLANNING GUIDE

PURCHASE ORDER (850) - 003020 GES

ABOUT THIS DOCUMENT:

FORMAT: 1. This document depicts Purchase Orders generated from Avaya's Global Enterprise Solution (GES) system. Only the fields Avaya will transmit are listed. The "RQMT" (Requirement) column indicates an * when Avaya will always populate that field. (If the segment level has an *, then that segment will always be provided, and fields within it which will always be populated have an *. If the segment level does not have an *, that segment will not always be provided, but when it is, the fields with * will always be populated.)

2. Interpretation in parentheses following values are either Avaya Procurement Organization's interpretation or directly from ANSI.

SAMPLE: 1. Sample Purchase Orders follow the Notes section.

FIELD	RQMT	DESCRIPTION	VALUES	NOTES
ST TRANSACTION SET HEADER				
ST01	*	TRANSACTION SET ID	'850'	
ST02	*	TRANSACTION SET CONTRL NUM		
BEG PO BEGINNING SEGMENT				
BEG01	*	TRANSACTION SET PURPOSE	'00'=Original	
BEG02	*	PURCHASE ORDER TYPE	'SA'=Standalone	
BEG03	*	PURCHASE ORDER NUMBER		
BEG04		RELEASE NUMBER		
BEG05	*	PURCHASE ORDER DATE		
BEG06		CONTRACT NUMBER		
NTE NOTE/SPECIAL INSTRUCTIONS				
NTE01	*	NOTE REFERENCE CODE	'GEN'	
NTE02	*	FREE FORM MESSAGE		
TAX TAX REFERENCE (Populated if Non-Taxable)				
TAX01	*	TAX ID NUMBER		
TAX12		TAX EXEMPT CODE		
FOB FOB RELATED INSTRUCTIONS				
FOB01	*	SHIPMENT METHOD OF PAYMENT 'CC'=Collect		
			'PP'=Prepaid by Seller	
			'NR'=Non-Revenue	
FOB02	*	LOCATION QUALIFIER	'BS'=Place of Business	
FOB03		DESCRIPTION		
SSS SPECIAL SERVICES				1
SSS01	*	ALLOW/CHRG INDICATOR	'N'=No Allowance/Charge	
SSS02	*	AGENCY QUAL CODE	'TI'=Telecommunications	
SSS03	*	SPECIAL SERV CODE	'PB'=Previous Billing	
SSS07		DESCRIPTION	'TN-3'=Pack/Ship	

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<u>FIELD</u>	<u>RQMT</u>	<u>DESCRIPTION</u>	<u>VALUES</u>	<u>NOTES</u>
ITA * ALLOWANCE, CHARGE OR SERVICE				
ITA01	*	ALLOW/CHRG INDICATOR	'N'=No Charge	
ITA02	*	AGENCY QUAL CODE	'TI'=Telecommunications	
ITA03	*	SPECIAL SERV CODE	'SH'=Special Handling Service	
ITA04	*	ALLOW/CHRG HANDL CODE	'07'=Optional	
ITA13	*	DESCRIPTION	'PREMIUM TRANSP MUST BE AUTHORIZED'	
ITD * TERMS OF SALE				
ITD01	*	TERMS TYPE CODE	'01'=Basic '08'=Discount Offered '3'=Invoice Date	
ITD02	*	TERMS BASIS DATE CODE		
ITD03		TERMS DISCOUNT PERCENT		
ITD05		TERMS DISCOUNT DUE DAYS		
ITD07		TERMS NET DAYS		
ITD10		DEFERRED AMOUNT DUE		
ITD11		PERCENT OF INVOICE PAYABLE		
ITD12		DESCRIPTION		
DTM DATE/TIME REFERENCE				
DTM01	*	DATE/TIME QUALIFIER	'002'=Delivery Requested '055'=Confirmed	
DTM02	*	DATE		
TD5 CARRIER				
TD501		ROUTING SEQUENCE CODE	'O', '1', or '2'	
TD502		IDENTIFICATION CODE QUALIER	'2'	
TD503		ID CODE (SCAC CODE)		
TD504		TRANSPORTATION TYPE CODE		
TD505		ROUTING		
TD4 * CARRIER DETAILS				
TD401	*	SPECIAL HANDLE CODE	'DM'=DOMESTIC	
TD404	*	DESCRIPTION	'<150LBS USE UPS/RPS'	
N1 NAME				
N101	*	ENTITY IDENTIFIER CODE	'BY'=Buyer 'SE'=Seller 'BT'=Bill To 'ST'=Ship To 'CS'=Consolidator	
N102		NAME		
N103		IDENTIFICATION CODE QUALIFIER	'92'	
N104		IDENTIFICATION CODE		
N2 ADDITIONAL NAME				
N201	*	NAME		
N202		NAME		

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<u>FIELD</u>	<u>RQMT</u>	<u>DESCRIPTION</u>	<u>VALUES</u>	<u>NOTES</u>
N3 ADDRESS INFORMATION				
N301	*	ADDRESS INFORMATION		
N302		ADDRESS INFORMATION		
N4 GEOGRAPHIC LOCATION				
N401		CITY NAME		
N402		STATE OR PROVINCE		
N403		POSTAL CODE		
N404		COUNTRY CODE		
REF REFERENCE NUMBERS				
REF01	*	REFERENCE NUMBER QUALIFIER	'EZ'=EDI Agreement 'CP'=PO Document Number	
REF02	*	REFERENCE NUMBER		
PER ADMINISTRATIVE COMM				
PER01	*	CONTACT FUNCTION CODE	'BD'=Buyer 'BI'=Billing 'EX'=Expediter 'CW'=Confirmed With 'TA'=Traffic Administrator	
PER02	*	NAME		
PER03		COMM NUMBER QUALIFIER	'TE'=Telephone	
PER04		COMMUNICATIONS NUMBER		
PO1 PURCHASE ORDER BASELINE ITEM 2				
PO101		ASSIGNED IDENTIFICATION	(PO Line Number)	
PO102	*	QUANTITY ORDERED		
PO103	*	UNIT OF MEASUREMENT CODE		
PO104		UNIT PRICE		
PO105	*	BASIS OF UNIT PRICE	'TE' =Each	
PO106		PRODUCT/SERVICE ID QUAL	'PN'=Avaya Part Number	
PO107		PRODUCT/SERVICE ID		
PO108		PRODUCT/SERVICE ID QUAL	'VP'=Vendor Part Number	
PO109		PRODUCT/SERVICE ID		
PID PRODUCT/ITEM DESCRIPTION 3				
PID01	*	ITEM DESC TYPE	'F'=Free Form	
PID02		PROD/PROCESS CHAR CODE		
PID03	*	AGENCY QUALIFIER CODE	'TI'=Telecommunications	
PID04		PRODUCT DESC CODE		
PID05	*	DESCRIPTION		

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<u>FIELD</u>	<u>RQMT</u>	<u>DESCRIPTION</u>	<u>VALUES</u>	<u>NOTES</u>
PKG MARKING, PACKAGING, LOADING				
PKG01	*	ITEM DESC TYPE		
PKG02	*	PACKAGING CHAR CODE	'67' BAR CODING	
PKG03	*	AGENCY QUAL CODE	'TI' TELECOMMUNICATIONS	
PKG04		PACKAGING DESC CODE		
PKG05	*	DESCRIPTION	BAR CODING INSTRUCTIONS	
SSS SPECIAL SERVICES				1
SSS01	*	ALLOW/CHRG INDICATOR	'N'=No Allowance/Charge	
SSS02	*	AGENCY QUAL CODE	'TI'=Telecommunications	
SSS03	*	SPECIAL SERV CODE	'SH'=Special Handling Service	
SSS07		DESCRIPTION	'IP-3'	
ITA ALLOWANCE, CHARGE OR SERVICE				
ITA01	*	ALLOW/CHRG INDICATOR	'C =Charge	
ITA02	*	AGENCY QUAL CODE	'TI' =Telecommunications	
ITA04		ALLOW/CHRG HANDL CODE	'02'=Off Invoice	
			'05'=Charge Paid by Vendor	
			'06'=Charge Paid by Customer	
ITA06		ALLOW/CHRG RATE		
ITA07		ALLOW/CHRG TOTAL AMT		
ITA08		ALLOW/CHRG % QUALIFIER		
ITA09		ALLOW/CHRG PERCENT		
ITA10		ALLOW/CHRG QUANTITY		
ITA11		UNIT/BASIS MEAS CODE		
ITA12		QUANTITY		
ITA13		DESCRIPTION		
ITA14	*	SPECIAL CHARGES/ALLOWANCE CODE		
NTE NOTE/SPECIAL INSTRUCTION				
NTE01	*	NOTE REFERENCE CODE	'GEN'	
NTE02	*	FREE FORM MESSAGE		
SCH LINE ITEM SCHEDULE				2
SCH01	*	QUANTITY		
SCH02	*	UNIT OF MEASURE CODE		
SCH05	*	DATE/TIME QUALIFIER	'002'=Delivery Requested on This Date/Time	
SCH06	*	DATE		
SCH07		TIME		
CTT TRANSACTION TOTALS				
CTT01	*	NUMBER OF LINE ITEMS		
CTT02		HASH TOTAL		
SE TRANSACTION SET TRAILER				
SE01	*	NUMBER OF INCLUDED SEGMENTS		
SE02	*	TRANSACTION SET CONTROL NUMBER		

PURCHASE ORDER (850) - 003020
GES**NOTES**

- 1 SSS03 and SSS07 are jointly defined as follows:

SSS03/SSS07
PB/TN-3

DEFINITION

No COD. Include packing list. For transportation purposes, do not declare value. On release value use value resulting in lowest charge. Do not insure shipment unless authorized in writing by Avaya Communication. Combine all same day shipments, to same consignee, same carrier, on same B/L (N/A on JIT & rush). List PO #(s) on B/L. Comply with packing design.

SH/IP-3

Source Inspection

- 2 Value Only Purchase Orders. Please note the following values in the PO1 segment:

PO102 = Total Value (Dollar) Amount

PO103 = M4

PO104 = 1

EXAMPLE: PO1~00001~435~M4~1~TE

Please note the following values in the SCH segment:

SCH01 = Total Value (Dollar) Amount

SCH02 = M4

EXAMPLE: SCH~435~M4~~~002~001101

- 3 Direct Ship Orders. Please note the following values in the PID segment:

On appropriate order types, 7 lines of information will follow the Item Description on the PID segment for each item. The data is as follows:

Line 1 Sales Order Number

Line 2 Sales Order Item Number

Line 3 Spec/Req and Item Number

Line 4 Customer PO Number

Line 5 Customer PO Line Item Number

Line 6 Customer Contact Name

Line 7 Customer Contact Phone

Note: If there is no value for a line, it will read 'No _____*'

Examples: No Customer PO Line Item Number; No Customer Contact Name

Updated 10/01/00 to reflect AVAYA Communication

October 1, 2000

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SAMPLE

PURCHASE ORDER (850) - 003020 (ANSI)

(Shows Segments Used By Avaya Communication Procurement Organization)

```
ST*850*000000001
BEG*00*SA*4520001298**001002
TAX*200-79-03039-3*****1
FOB*CC*BS*SOMERSET NJ
SSS*N*TI*PB***TN-3 PACK/SHIP
ITA*N*TI*SH*07*****PREMIUM TRANSP MUST BE AUTHORIZED
ITD*01*3***30**30
DTM*002*971103
TD5*O*2*Z0*X*NO INSTRUCTIONS
TD4*DM***<150LBS USE UPS/RPS
N1*SE**92*0010000200
REF*EZ*EPA1234
REF*CP*LT-1120 11/96
PER*BD*T. W. EXPEDITER*TE*303-538-2413
N1*BT*Avaya Inc.*92*COF1
N3*PO BOX 800056
N4*MARIETTA*GA*30068-0056
PER*EX*T. W. EXPEDITER*TE*303-538-2413
N1*ST*DENPORT SOUTH - SHREVEPORT WORKS*92*LAF1
N3*2929 BAIRD ROAD
N4*SHREVEPORT*LA*711183823
PO1*00001*20*EA*5*TE*PN*123456789
PID*F**TI**GREEN WIDGET
ITA*C*TI**06**250*500*****EA**COPY CHARGE*PHC
NTE*GEN*+++ AVAYA GES TEST ORDER - DO NOT PROCESS +++
SCH*20*EA***002*971103
PO1*00002*30*EA*5*TE*PN*111001223
PID*F**TI**RED WIDGET
ITA*C*TI**06**2.000*300*****GOLD CHARGE (%) *690
NTE*GEN*+++ AVAYA GES TEST ORDER - DO NOT PROCESS +++
SCH*30*EA***002*001006
CTT*2*50
SE*33*000000001
```

In this diagram, an '*' is used for the Data Element Separator. This is for readability only. The actual values should be obtained from Interchange Header fields.

**PURCHASE ORDER (850) - 003020
GES****SAMPLE DIRECT SHIP
PURCHASE ORDER (850) - 003020 (ANSI)**
(Shows Segments Used By Avaya Communication Procurement Organization)

ST~850~0001
BEG~00~SA~4510099999~~001221
NTE~GEN~ FAILURE TO MEET YOUR DELIVERY PROM
NTE~GEN~ISE MAY RESULT IN SUPPLIER ABSORBIN
NTE~GEN~ THE PREMIUM TRANSPORTATION COST IN
NTE~GEN~CURRED TO PREVENT OR MINIMIZE AVAYA
NTE~GEN~ INC. PRODUCTION SHUTDOWNS. AVAYA
NTE~GEN~INC. TO DETERMINE MODE OF PREMIUM
NTE~GEN~ TRANSPORTATION.
NTE~GEN~IF SOURCE INSPECTION AT YOUR FACILI
NTE~GEN~TY IS REQUIRED PER THIS ORDER,
NTE~GEN~ CONTACT OUR AGENT (SQA SERVICES) A
NTE~GEN~T 888-595-9964 AT LEAST 48 HOURS
NTE~GEN~ BEFORE THE SCHEDULED SHIP DATE TO
NTE~GEN~ARRANGE THIS INSPECTION.
TAX~03~099999~M~~~~~1
FOB~CC~BS~NOGALES, AZ
SSS~N~TI~PB~~~~TN-3 PACK/SHIP
ITA~N~TI~SH~07~~~~~PREMIUM TRANSP MUST BE AUTHORIZED
ITD~01~3~~~60~~60
TD5~O~2~00~X~NO INSTRUCTIONS
TD4~DM~~~~<150LBS USE UPS/RPS
N1~SE~~92~0010009999
REF~EZ~EPA2999
REF~CP~LT-1120 11/96
PER~BD~GREGORY JENKINS~TE~402-691-9996
N1~BT~Avaya Inc.~92~0003
N3~P.O. Box 800056
N4~Marietta~GA~30068-0056
PER~EX~BOGEN, JIM~TE~402-691-4992
N1~ST~LUCENT TECHNOLOGIES, EXPORT CENTER)
N2~CPO #XX999999 INTL
N3~12000 I STREET, Bldg. 60
N4~OMAHA~NE~68137
PO1~00001~100~PC~22.16~TE~PN~199999999
PID~F~~TI~~CONN CABLE CCXXXXP-020A
PID~F~~TI~~231999
PID~F~~TI~~10
PID~F~~TI~~000_23_
PID~F~~TI~~4570123999
PID~F~~TI~~23
PID~F~~TI~~NO CUST CONTACT NAM
PID~F~~TI~~NO CUST CNTACT PHON
PKG~F~67~TI~~#BF K 231z999
PKG~F~67~TI~~#BI 20P 000_23_
PKG~F~67~TI~~#BJ2 4570123999
SSS~N~TI~SH~~~~IP-3
SCH~100~PC~~~002~010105
CTT~1
SE~50~0001