Continental Teves – N.A. Supplier Outbound 830 EDI Specs

CONTINENTAL TEVES

NORTH AMERICA

EDI TECHNICAL SPECIFICATIONS

FOR

RELEASE (830) - OUTBOUND

CONTINENTAL TEVES CONTACT
EDI SUPPORT LINE
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This Continental standard provides the format and establishes the data contents of an 830 (planning schedule with release capability) transaction set. The planning schedule with release capability transaction set provides for customary and established business practices relative to the transfer of forecasting/material release information between organizations.

Data Segment Sequence for the Heading Area

Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
ST	Transaction Set Header	M	1	
BFR	Beg Seg for Planning Schedule	M	1	
NTE	Note/Special Instructions	F	100	
N1	Name	M	1	N1/200
N3	Address Information	M	2	
N4	Geographic Location	O	1	
PER	Admin Communications Contact	M	3	N1S

Data Segment Sequence for the Detail Area

Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
LIN	Item Identification	M	1	LIN/10000
NTE	Note/Special Instructions	F	100	
UIT	Unit Detail	M	1	
PID	Product/Item Description	M	1000	
REF	Reference Numbers	M	2	
PER	Admin Communications Contact	O	3	
SDP	Ship/Delivery Pattern	O	1	SDP/260 S
FST	Forecast Schedule	M	260	SDP
ATH	Resource Authorization	M	20	
SHP	Shipped/Received Information	O	1	SHP/25
REF	Reference Numbers	O	1	SHP

Data Segment Sequence for the Summary Area

Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
CTT	Transaction Totals	M	1	
SE	Transaction Set Trailer	M	1	

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GLOSSARY

Abbreviations in the columns headed **Req. Des.** (Requirement Designation) have the following definitions:

• C - Conditional. The presence of this item is dependent on the presence or absence of other items.

• F - Floating. This is used only for the NTE segment that may appear anywhere in the transaction set between the transaction set header and the transaction set trailer.

• M - Mandatory. This data segment shall be included in the transaction set. (Note that though a data segment may be mandatory in a loop of data segments, the loop itself is optional if the beginning segment of the loop is designated as optional.)

• N - Not Used. Continental Teves does not use this segment at this time.

• O - Optional. The presence of this data segment is at the option of the sending party.

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Segment: ST - Transaction Set Header

Level: Heading
Max. Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number.
Comments: The transaction set control number (ST02) in this header must match the transaction set control number (SE02) in the transaction set trailer (SE).

Example: ST*830*000000001

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
ST01	143	Transaction Set ID CD	M ID 3/3	830
ST02	329	Trans. Set Control Number	M AN 4/9	A unique number assigned to each transaction set. This number must match the value in SE02.

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Segment: BFR - Beginning Segment for Planning Schedule

Level: Heading
Max. Use: 1
Purpose: To indicate the beginning of a planning schedule transaction set; whether a ship or delivery based forecast; and related forecast envelope dates.

Example: BFR*05**917001*SH*A*910228*920101*910220***

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
BFR01	353	Transaction Set Purpose Cd	M ID 2/2	05 Replace
BFR02	127	Reference Number	N	
BFR03	328	Release Number	M AN 1/30	
BFR04	675	Schedule Type Qualifier	M ID 2/2	DL = delivery based
BFR05	676	Schedule Quantity Qualifier	M ID 1/1	"A" net Quantities
BFR06	373	Date	M DT 6/6	Start Date
BFR07	373	Date	M DT 6/6	End Date
BFR08	373	Date	M DT 6/6	Release Issue Date
BFR09	373	Date	N	
BFR10	367	Contract Number	N	
BFR11	324	P/O Number	N	

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Segment: NTE – Note

Level: Heading
Max. Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction.

Example: NTE**PLEASE MAKE DELIVERIES BEFORE 3:00 PM

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
NTE01	363	Note Ref. Code	N	
NTE02	003	Free-Form Message	M AN 1/60	

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Segment: N1 – Name

Level: Heading
Max. Use: 1
Purpose: To identify a party by type of organization, name, and code.

Example: N1*ST*CONTINENTAL TEVES*01*009571302

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
N101	098	Entity ID Code	M ID 2/2	ST = ship-to location SU = supplier location SF = ship-from location*
N102	093	Name	O AN 1/35	Company Name
N103	066	ID Code Qualifier	M ID 1/2	92
N104	067	ID Code	M AN 2/9	

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Segment: N3 - Address Information

Level: Heading
Max. Use: 2
Purpose: To specify the location of the named party.

Example: N3*3940 Peninsular Drive; Suite 100

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
N301	166	Address	M AN 1/35	
N302	166	Address	N	

Note: This may also print in the LIN loop if an alternate ship-to address is specified on the Part/Vendor Authorization.

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Segment: N4 - Geographic Location

Level: Heading
Max. Use: 1
Purpose: To specify the geographic place of the named party.

Example: N4*Grand Rapids*MI*49456

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
N401	019	City Name	M AN 2/19	
N402	156	State or Province Code	M ID 2/2	
N403	116	Postal Code	M ID 5/9	
N404	026	Country Code	N	
N405	309	Location Qualifier	N	
N406	310	Location Ident.	N	

Note: This may also print in the LIN loop if an alternate ship-to address is specified on the Part/Vendor Authorization.

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Segment: PER - Administrative Communications Contact

Level: Heading
Max. Use: 3
Purpose: To identify a person or office to whom administrative communications should
be directed.

Example: PER*BD*Purchasing Manager*TE*616-957-4444

ELEM ID ELE#	NAME	FEATURES	COMMENTS	
PER01	366	Contact Function Code	M ID 2/2	SC = schedule contact
PER02	093	Name	O AN 1/35	
PER03	365	Communication No. Qualifier	O ID 2/2	TE = telephone FX = vendor facsimile number
PER04	364	Communication Number	O AN 7/21	Telephone number

Note: The vendor fax number will be stored on the RPS release when generated. If no fax number is present on the VENDOR*cc record, no PER*FX segment will be generated.

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Segment: LIN - Item Identification

Level: Detail
Max. Use: 1
Purpose: To specify basic item identification data.

Example: LIN**BP*255***EC*123

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
LIN01	350	Assigned Identification	N	
LIN02	235	Product/Service ID Qualifier	M ID 2/2	BP = buyer's part number
LIN03	234	Product/Service ID	M AN 1/20	Part number
LIN04	235	Product/Service ID Qualifier	O AN 2/2	
LIN05	234	Product/Service ID	O AN 1/20	
LIN06	235	Product/Service ID Qualifier	M AN 2/2	EC = engineering change
LIN07	234	Product/Service ID	M AN 1/20	Engineering Change Revision Level

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Segment: NTE – Note

Level: Detail
Max. Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction.

Example: NTE**Please Deliver at 5:00 p.m.

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
NTE01	363	Note Ref. Code	N	
NTE02	003	Free-Form Message	M AN 1/60	

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Segment: UIT - Unit Detail

Level: Detail
Max. Use: 1
Purpose: To specify item unit data.

Example: UIT*EA*2.00000

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
UIT01	355	Unit of Measure Code	M ID 2/2	

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Segment: PID - Product/Item Description

Level: Detail
Max. Use: 1000
Purpose: To describe a product or process in coded or freeform format.

Example: PID*F****Sheet Metal

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
PID01	349	Item Description Type	M ID 1/1	Freeform
PID02	750	Prod/Proc Char Code	N	
PID03	348	Item Desc. Qualifier	N	
PID04	751	Product Desc. Code	N	
PID05	352	Description	M AN 1/80	
PID06	752	Surf/Layer Pos Code	N	

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Segment: REF - Reference Numbers

Level: Detail
Max. Use: 2
Purpose: To transmit identifying numbers associated with named party.

Example: REF*PO*PO-100
               REF*DK*DOCK1

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
REF01	128	Reference Number Qualifier	M ID 2/2	PO = Purchase Order number DK = Dock Code
REF02	127	Reference Number	M AN 1/30	
REF03	352	Description	N	

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Segment: PER - Administrative Communications Contact

Level: Detail
Max. Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed.

Example: PER*SC*SUE*TE*555-1234
         PER*SC*SUE*FX*828-584-0681

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
PER01	366	Contact Function Code	M ID 2/2	SC = schedule contact
PER02	093	Name	O AN 1/35	
PER03	365	Communication No. Qualifier	O ID 2/2	TE = telephone FX = FAX
PER04	364	Communication Number	O AN 7/21	Telephone number Fax number

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Segment: SDP - Ship/Delivery Pattern

Level: Detail
Max. Use: 1
Purpose: To identify specific ship/delivery requirements.

Example: SDP*S*Z

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
SDP01	678	Ship/Delivery Pattern Code	M ID 1/2	Any valid code
SDP02	679	Ship/Delivery Pattern Time	M ID 1/1	Z = mutually defined

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Segment: FST - Forecast Schedule

Level: Detail
Max. Use: 260
Purpose: To specify the forecasted dates and quantities.

Example: FST*2050*C*D*910204

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
FST01	380	Quantity	M R 1/10	
FST02	680	Forecast Qualifier	M ID 1/1	A = immediate C = firm quantity D = planning quantity
FST03	681	Forecast Timing Qualifier	M ID 1/1	D = discrete W = weekly F = flexible time interval
FST04	373	Date	M DT 6/6	Delivery date
FST05	373	Date	C DT 6/6	End Date
FST06	374	Date/Time Qualifier	N	
FST07	337	Time	N	
FST08	128	Reference No. Qualifier	N	
FST09	127	Reference Number	N	

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Segment: ATH - Resource Authorization

Level: Detail
Max. Use: 20
Purpose: To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule.

Example: ATH*FI**3242**900701

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
ATH01	672	Resource Authorization Code	M ID 2/2	FI = finished inventory MT = material inventory PQ = cumulative quantity required prior to first schedule period
ATH02	373	Date	N	
ATH03	380	Quantity	M R 1/10	
ATH04	380	Quantity	N	
ATH05	373	Date	M DT 6/6	Cumulative quantity start date

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Segment: SHP - Shipped/Received Information

Level: Detail
Max. Use: 1
Purpose: To specify shipment and/or receipt information.

Example: SHP*01*52*050*900827

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
SHP01	673	Quantity Qualifier	O ID 2/2	01 = discrete 02 = cumulative
SHP02	380	Quantity	C R 1/10	Last receipt qty if SHP01 = 01 Cum receipt qty if SHP01 = 02
SHP03	374	Date/Time Qualifier	O ID 3/3	050 = received date 051 = cumulative start date
SHP04	373	Date	C DT 6/6	Last receipt date if SHP03 = 050 Cum start date if SHP03 = 051
SHP05	337	Time	N	
SHP06	373	Date	C	Cum end date if SHP03 = 051
SHP07	337	Time	N	

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Segment: REF - Reference Numbers

Level: Detail
Max. Use: 1
Purpose: To transmit identifying numbers associated with named party.

Example: REF*SI*45

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
REF01	128	Reference Number Qualifier	M ID 2/2	SI = the last received Shipment Identification number
REF02	127	Reference Number	M AN 1/30	
REF03	352	Description	N	

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Segment: CTT - Transaction Totals

Level: Summary
Max. Use: 1
Purpose: To transmit a hash total for the forecast quantity within the transaction set.

Example: CTT*1*1600

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
CTT01	354	Number of Line items	M N0 1/6	Total number of LIN segments
CTT02	347	Quantity Hash Total	M R 1/10	
CTT03	081	Weight	N	
CTT04	355	Unit of Measure Code	N	
CTT05	183	Volume	N	
CTT06	355	Unit of Measure Code	N	
CTT07	352	Description	N	

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Segment: SE - Transaction Set Trailer

Level: Summary
Max. Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments.
Comments: The transaction control number (SE02) must be identical to the transaction set control number in the ST segment (ST02).

Example: SE*25*0000000005

ELEM ID	ELE#	NAME	FEATURES	COMMENTS
SE01	096	Number of Included Segments	M N0 1/6	Number of segments including SE and ST
SE02	329	Transaction set control number	M AN 4/9	Same as ST02

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ST*830*0001
BFR*05**20010624213023*DL*A*010624*011224*010624
NTE**0000000001264865
N1*SU*Tooling System Inc.*92*0000552497
N3*80 Alpine RD
N4*Kitchener*ON*N2E 1A1
PER*SC**TE*519-653-6500
PER*SC*david bolander*FX*1-519-578-1404
N1*ST*Continental Teves Asheville Plant*92*0020
N3*400 Ridgefield Court
PER*SC**TE*828-665-4100
PER*SC*MOTORS*FX*828-665-4156
LIN**BP*2604610002100***EC*00
UIT*EA
PID*F****Motor Shaft
REF*PO*003085
SDP*Z*Z
FST*34560*C*D*010625
ATH*PQ**2164401**000402
ATH*FI**2198961**000402
ATH*MT**2198961**000402
SHP*01*30466*050*010618
REF*SI*205324
SHP*02*2164401*051*000402**010618
CTT*1*34560
SE*26*0001
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