



# Planning Schedule with Release Capability

005010 X12 and UCS

Functional Group=**PS**

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0200	BFR	Beginning Segment for Planning Schedule	M	1			Must use
<b>LOOP ID - N1</b>					<b>200</b>		
2300	N1	Party Identification	O	1			Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - LIN</b>					<b>&gt;1</b>		
0100	LIN	Item Identification	M	1			Must use
<b>LOOP ID - FST</b>					<b>&gt;1</b>	<b>N2/4100L</b>	
4100	FST	Forecast Schedule	O	1		N2/4100	Used
4200	SDQ	Destination Quantity	O	50			Used

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Used

# BFR Beginning Segment for Planning Schedule

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BFR01	353	<b>Transaction Set Purpose Code</b> <u>Code</u> <u>Name</u> 00            Original	M	ID	2/2	Used
BFR02	127	<b>Reference Identification</b> 3 digit Div# + VR + 3 digit JIT#	C	AN	1/50	Must use
BFR04	675	<b>Schedule Type Qualifier</b> <u>Code</u> <u>Name</u> BB            Customer Production (Consumption) Based	M	ID	2/2	Used
BFR05	676	<b>Schedule Quantity Qualifier</b> <u>Code</u> <u>Name</u> A             Actual Discrete Quantities	M	ID	1/1	Used
BFR06	373	<b>Date – CCYYMMDD</b> BFR06 is the starting date of the forecast (Sunday)	M	DT	8/8	Used
BFR07	373	<b>Date – CCYYMMDD</b> BFR07 is the ending date of the forecast	O	DT	8/8	Must use
BFR08	373	<b>Date - CCYYMMDD</b> BFR08 is the date the forecast is generated (run date)	M	DT	8/8	Used

# N1 Party Identification

Pos: 2300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	<b>Entity Identifier Code</b> <u>Code</u> <u>Name</u> FR            Message From TO            Message To	M	ID	2/3	Used
N102	93	<b>Name</b>	C	AN	1/60	Must use
N103	66	<b>Identification Code Qualifier</b> <u>Code</u> <u>Name</u> 9             D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C	ID	1/2	Must use
N104	67	<b>Identification Code</b>	C	AN	2/80	Must use

# LIN Item Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 4

User Option (Usage): Must use

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	<b>Product/Service ID Qualifier</b> <u>Code</u> <u>Name</u> UA            U.P.C. Case Code (2-5-5 format) UK            GTIN 14-digit Data Structure	M	ID	2/2	Used

LIN03	234	<b>Product/Service ID</b>	M	AN	1/48	Used
LIN06	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		PI            Purchaser's Item Code				
LIN07	234	<b>Product/Service ID</b>	C	AN	1/48	Must use

# FST Forecast Schedule

<b>Pos: 4100</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: FST</b>	<b>Elements: 5</b>

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FST01	380	<b>Quantity</b> – total quantity for the week	M	R	1/15	Used
FST02	680	<b>Forecast Qualifier</b>	M	ID	1/1	Used
		<u>Code</u> <u>Name</u>				
		D            Planning				
FST03	681	<b>Timing Qualifier</b>	M	ID	1/1	Used
		<u>Code</u> <u>Name</u>				
		X            Weekly Bucket (7 day interval)				
FST04	373	<b>Date</b> – CCYYMMDD FST04 is the forecast start date (Sunday)	M	DT	8/8	Used
FST05	373	<b>Date</b> - CCYYMMDD FST05 is the forecast end date (Saturday)	O	DT	8/8	Used

Kroger will provide a maximum of 13  
Peyton will provide a maximum of 17  
occurrences for future forecasts, each  
representing one week of projected product  
movement expressed in retail units

# SDQ Destination Quantity

<b>Pos: 4200</b>	<b>Max: 50</b>
<b>Detail - Optional</b>	
<b>Loop: FST</b>	<b>Elements: 22</b>

User Option (Usage): Used

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		EA          Each				
		CA          Case				
SDQ02	66	<b>Identification Code Qualifier</b>	O	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		9            D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
SDQ03	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	M	AN	2/80	Must use
SDQ04	380	<b>Quantity</b> Quantity for location	M	R	1/15	Must use
SDQ05	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ06	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ07	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ08	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ09	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used

SDQ10	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ11	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ12	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ13	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ14	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ15	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ16	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ17	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ18	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ19	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ20	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used
SDQ21	67	<b>Identification Code</b> DC (Duns + Suffix) from N1	C	AN	2/80	Used
SDQ22	380	<b>Quantity</b> Quantity for location	C	R	1/15	Used

## CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**DATA EXAMPLE**

SAMPLE with ALL ITEMS Converted to GTINs

ST\*830\*27804001~  
 BFR\*00\*019VR702\*\*BB\*A\*20100822\*20101120\*20100826~  
 N1\*FR\*LAYTON\*9\*0437001941901~  
 N1\*TO\*Your Company Name\*9\*C09214542~  
 LIN\*\*UK\*20043000180629\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100822\*20100828~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UK\*20043000180629\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100829\*20100904~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100905\*20100911~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100912\*20100918~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100919\*20100925~  
 SDQ\*CA\*G\*0437001941901\*0~  
 CTT\*5~  
 SE\*21\*27804001~

SAMPLE with NO ITEMS Converted to GTINs

LIN\*\*UA\*004300018062\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100822\*20100828~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UA\*004300018062\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100829\*20100904~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UA\*002100034079\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100905\*20100911~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UA\*002100034079\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100912\*20100918~  
 SDQ\*CA\*G\*0437001941901\*0~  
 LIN\*\*UA\*002100034079\*\*\*PI\*0098315~  
 FST\*0\*D\*X\*20100919\*20100925~  
 SDQ\*CA\*G\*0437001941901\*0~

**DATA EXAMPLE**

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted  
Manufacturer ID 43000 has NOT been converted

LIN\*\*UA\*004300018062\*\*\*PI\*0098315~  
FST\*0\*D\*X\*20100822\*20100828~  
SDQ\*CA\*9\*0437001941901\*0~  
LIN\*\*UA\*004300018062\*\*\*PI\*0098315~  
FST\*0\*D\*X\*20100829\*20100904~  
SDQ\*CA\*9\*0437001941901\*0~  
LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
FST\*0\*D\*X\*20100905\*20100911~  
SDQ\*CA\*9\*0437001941901\*0~  
LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
FST\*0\*D\*X\*20100912\*20100918~ÿ  
SDQ\*CA\*9\*0437001941901\*0~  
LIN\*\*UK\*10021000340799\*\*\*PI\*0098315~  
FST\*0\*D\*X\*20100919\*20100925~  
SDQ\*CA\*9\*0437001941901\*0~