

BBY EDI 163 Outbound Transportation Appointment Schedule Information - TL

Version: 1.0 Draft

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Notes:	

Dear Carrier Partners,

As our valued carrier partner, we want to share some exciting news! Best Buy has embarked in the developing and implementation of a new Transportation Management System (TMS) focused on driving efficiencies, streamlining processes and information-sharing improvements. With TMS we can look forward to improved scheduling and receiving functions along with enhanced timeliness of load status information.

Included in the TMS work are EDI upgrades and added functionality. Your support of TMS is crucial to its success, thus it will be necessary for you to:

- make appropriate updates to your EDI transactions
- successfully complete testing of all applicable EDI documents.

Best Buy recognizes that these changes and testing will require you to invest time and resources and we thank you in advance for your support. In order to complete testing and implement on time, the work will need to begin immediately.

To ensure readiness please complete the following:

- Review the details on the EDI changes and testing requirements that are posted on the new [US Carrier EDI/E-Business](#) page on [ExtendingtheReach.com](#).
- Complete the new **EDI Carrier Profile Sheet** (found on the [US Carrier EDI/E-Business](#) page) and email it to: EXGEDI@bestbuy.com
- Share this information with your EDI department
- Complete the necessary development work required for these EDI changes. Once completed contact the Best Buy E-Business Team with EDI questions and to coordinate EDI testing and compliance at EXGEDI@bestbuy.com.

All other questions should be addressed to TMS_Sustain_Team@bestbuy.com.

Thank you for your continued support.

Sincerely,

Best Buy E-business Team

EDI X12 4030 version for the 163 EDI Transportation Appointment Request Summary of Changes

- This document is new to Best Buy and replacing the Truckload Carrier EDI 214 Shipment status message with the AT701 X2 Code, currently used for requesting a Dock Appointment at Best Buy RDC and DDC locations. The new 163 Inbound appointment request will only be used by carrier's attempting to receive a dock appointment where Best Buy is not originating or paying the freight charges.

General 163 Transportation Appointment request requirements =

- Transmission times - Best Buy will send this document this document near real time.
- Scheduled Delivery Appointments – For Truckload carriers, the Best Buy Outbound 163 is used to automate the scheduling/delivery appointment process for all freight moving inbound into Best Buy's Distribution Centers. This outbound EDI 163 document will be used to convey rejections for appointment request previously submitted containing inaccurate or missing information, the granted delivery appointment information, the new granted delivery appointment for a rescheduled delivery, or a cancellation of Delivery appointment.
- - The following Unique ID types will populate the B1301 for the specific load Types when a EDI 163 is transmitted to the carrier:

<u>Unique B1301</u>	<u>Load Type/Appointment generated for</u>
Deconsol Load ID	For appointment generated from Best Buy Deconsolidation process, this should be the manifest ID the Deconsolidator provided on the Load tender.
BBY TMS Load ID	For appointments generated from Best Buy's collect freight process, this will be the unique TMS load ID found on the Load tender sent by Best buy for the load.
Carrier Unique Doc ID	For appointments initiated by the carrier sending the EDI 163inbound, the B1301 value provided by the carrier for this appointment request will be returned by Best Buy in the B1301 element.

Types of EDI 163 Transportation Appointment Request Forms that carrier can send into Best Buy

- Granted and Rescheduled Appointments – Best Buy will send this type of 163 when a Dock Scheduling Appointment or Reschedule of an existing dock schedule Appointment has been granted. Granted appointment will be generated if all required data is accurate and present in the request process.
 - The B2A01 will contain code "GR" and the B1301 will be the unique ID (See above notes and the B1301 Element) that was used as the unique ID to gain the original Transportation Appointment Request.
- Rejected Appointment Request – Carrier should use this type of 163 when they are responding, with corrected data, to a 163 Transportation Appointment Rejection request sent by Best Buy (see EDI 163 Transportation Appointment Request Outbound from Best Buy implementation guide) because of missing/invalid/status data.
 - The B2A01 should be set to code "44" and the B1301 should be the unique ID (See notes on the B1301 Element) that was used as the unique ID on the original Transportation Appointment Request document.

<u>OID10 Error Code</u>	<u>Description of the error code</u>
P	- <i>Missing or Invalid Carton qty</i> - If the carton quantity submitted in the OID05 is <= 0 or is greater than the carton quantity the order was open for. The EDI 163 will be reject with this code in the OID10 for the PO listed in the OID02.
MA	- <i>Missing or Invalid Store/Destination</i> - If the BBY location ID listed in the N104 does not match the location that Order ID in the OID02 is listed for in Best Buy's systems. The Appointment request will be rejected with this code in the OID10 and the bad Order in the OID02
MB	- <i>Missing or invalid Order status</i> - This Rejection code will appear if the Order ID in the OID02 is already in received complete status.
POI	- <i>Missing or Invalid Order</i> - This rejection code will appear if the Order ID in the OID02 does not exist in Best Buy's systems.
INF	- <i>Invalid status code</i> - This error code will appear for all Order IDs if the request sent in is for a previously received appointment request and the load/schedule has already moved to intransit or complete status.
V	- <i>Missing or Invalid Action/Reason Code</i> - This error code will appear for all Order IDs submitted on the request for Reschedule and the Reason code to explain the reschedule is not on the request. The request for reschedule reason code should be sent in by the carrier in the N9 segment (See the Inbound EDI 163 mapping for more information).
812	- <i>Missing Transaction/Reference Number</i> - This error code will be returned for all Order lines if the shipment indicated is for a Best Buy collect freight shipment and the BBY TMS Load ID is not returned in the appropriate N9 segment with a "BN" qualifier in the N901.

- Cancellation of an Appointment Request – Best Buy will send this type of 163 when a cancellation of a Dock scheduling appointment has occurred. This will only be done if the shipment will no longer be delivering to the Best Buy location indicated in the appointment request.
 - The B2A01 will be set to code "01" and the B1301 will be the unique ID (See notes above and on the B1301 Element) that was used as the unique ID to gain the original Transportation Appointment Request.

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163

Transportation Appointment Schedule Information

Functional Group=AS

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Appointment Schedule Information Transaction Set (163) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by transportation carriers and their trading partners to request and accept freight pick-up and delivery appointments.

Not Defined:

<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>	<u>Page</u>
	ISA	Interchange Control Header	M	1			Must use	2
	GS	Functional Group Header	M	1			Must use	5

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>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	7
0200	B13	Beginning Segment for Appointment Schedule	M	1			Must use	8
0300	B2A	Set Purpose	M	1			Must use	9
LOOP ID - 0100					3			10
1000	N1	Name	O	1			Used	11
1500	G61	Contact	O	5			Used	12
LOOP ID - 0300					999			13
1900	S5	Stop-off Details	O	1			Must use	14
2000	N1	Name	O	1			Must use	15
2400	N9	Reference Identification	O	10			Used	16
2600	G62	Date/Time	O	10			Used	18
LOOP ID - 0350					99999			19
2700	OID	Order Identification Detail	O	1			Used	20
2900	SE	Transaction Set Trailer	M	1			Must use	22

Not Defined:

<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>	<u>Page</u>
	GE	Functional Group Trailer	M	1			Must use	23
	IEA	Interchange Control Trailer	M	1			Must use	24

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

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>	<u>Rep</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use	1

Description: Code identifying the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

<u>Code</u>	<u>Name</u>
00	No Authorization Information Present (No Meaningful Information in I02)

ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
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Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

User Note 1:

10 Characters of blanks

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
-------	-----	--------------------------------	---	----	-----	----------	---

Description: Code identifying the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
00	No Security Information Present (No Meaningful Information in I04)

ISA04	I04	Security Information	M	AN	10/10	Must use	1
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Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

User Note 1:

10 Characters of blanks

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
-------	-----	--------------------------	---	----	-----	----------	---

Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

User Note 1: *If Best Buy is the sender of the document the qualifier code of "ZZ" will be sent here.*

CodeList Summary (Total Codes: 41, Included: 1)

<u>Code</u>	<u>Name</u>
ZZ	Mutually Defined

ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
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Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

User Note 1: *If Best Buy is the sender of the document the following ID's will be used and depending upon the circumstance or stage that you are working with Best Buy in. During certification and testing the test ID listed below will be used. After you have passed testing and move to production the production ID will be used.*

Production ID = 0600603000003

Test ID = 600603/STEST

ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1						
<p>Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used. (Total Codes: 41)</p>													
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1						
<p>Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p>													
ISA09	I08	Interchange Date	M	DT	6/6	Must use	1						
<p>Description: Date of the interchange User Note 1: <i>Format to be used: YYMMDD</i> User Note 2: <i>Date is not the same format as GS04</i></p>													
ISA10	I09	Interchange Time	M	TM	4/4	Must use	1						
<p>Description: Time of the interchange User Note 1: <i>Format to be used: HHMM</i></p>													
ISA11	I65	Repetition Separator	M		1/1	Must use	1						
<p>Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator User Note 1: <i>In EDI version 4030, the ISA11 is no longer used as the Interchange Standards Identifier. It is now used to define the Repetition Separator. Our preferred character is <. Please do not use U, as it is no longer valid to use in this element.</i></p>													
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1						
<p>Description: Code specifying the version number of the interchange control segments CodeList Summary (Total Codes: 15, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00403</td> <td>Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999</td> </tr> </tbody> </table></p>								<u>Code</u>	<u>Name</u>	00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999		
<u>Code</u>	<u>Name</u>												
00403	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999												
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use	1						
<p>Description: A control number assigned by the interchange sender</p>													
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use	1						
<p>Description: Code indicating sender's request for an interchange acknowledgment CodeList Summary (Total Codes: 2, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Interchange Acknowledgment Requested</td> </tr> </tbody> </table></p>								<u>Code</u>	<u>Name</u>	1	Interchange Acknowledgment Requested		
<u>Code</u>	<u>Name</u>												
1	Interchange Acknowledgment Requested												
ISA15	I14	Usage Indicator	M	ID	1/1	Must use	1						
<p>Description: Code indicating whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production Data</td> </tr> <tr> <td>T</td> <td>Test Data</td> </tr> </tbody> </table></p>								<u>Code</u>	<u>Name</u>	P	Production Data	T	Test Data
<u>Code</u>	<u>Name</u>												
P	Production Data												
T	Test Data												
ISA16	I15	Component Element Separator	M		1/1	Must use	1						
<p>Description: Type is not applicable; the component element separator is a delimiter and not</p>													

a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

User Note 1: *Best Buy uses the | as its component separator*

User Note 1:

The Interchange Control Number (ISA13) must match the Interchange Control Number (IEA02) in the Interchange Control Trailer.

Example Data:

```
ISA*00*          *00*          *ZZ*0600603000003 *ZZ*YOURID
*030812*1035*<00403*000000623*0*P*|~
```

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

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>	<u>Rep</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use	1
Description: Code identifying a group of application related transaction sets							
CodeList Summary (Total Codes: 263, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		AS	Transportation Appointment Schedule Information (163)				
GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
Description: Code identifying party sending transmission; codes agreed to by trading partners							
User Note 1: <i>If Best Buy is the sender of the document the following ID's will be used and depending upon the circumstance or stage that you are working with Best Buy in. During certification and testing the test ID listed below will be used. After you have passed testing and move to production the production ID will be used.</i>							
<i>Production ID = 0600603000003</i>							
<i>Test ID = 600603ISTEST</i>							
GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
Description: Code identifying party receiving transmission; codes agreed to by trading partners							
GS04	373	Date	M	DT	8/8	Must use	1
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year							
User Note 1: <i>CCYYMMDD</i>							
User Note 2: <i>Date is not the same format as ISA09</i>							
GS05	337	Time	M	TM	4/8	Must use	1
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)							
User Note 1: <i>HHMM</i>							
GS06	28	Group Control Number	M	N0	1/9	Must use	1
Description: Assigned number originated and maintained by the sender							
GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480							
CodeList Summary (Total Codes: 2, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		X	Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
Description: Code indicating the version, release, subrelease, and industry identifier of the							

EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 41, Included: 1)

<u>Code</u>	<u>Name</u>
004030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

User Note 1:

The Group Control Number (GS06) must match the Group Control Number (GE02) in the Functional Group Trailer for each Functional Group.

Example Data:

*GS*AS*0600603000003*YOURID*20030812*1035*623*X*004030~*

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 314, Included: 1)

<u>Code</u>	<u>Name</u>
163	Transportation Appointment Schedule Information

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1: For each functional group, the first transaction set control number is usually 0001 and is incremented by one for each additional transaction set within the group.

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

User Note 1:

The Transaction Set Control Number (ST02) must match the Transaction Set Control Number used in the Transaction Set Trailer (SE02)

Example Data:
ST*163*0001~

B13 Beginning Segment for Appointment Schedule

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data relating to the Appointment Schedule transaction set

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>	<u>Rep</u>
B1301	127	Reference Identification	M	AN	1/50	Must use	1
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>User Note 1: For a Transportation Scheduled Appointment document submitted by a carrier requesting an appointment for the first time for the load outline within the document. This should be a unique document ID created/used by the carrier that both the carrier and Best Buy will use in this element or field to reference the specific appointment request on all subsequent documents related to the appointment request.</p> <p>For delivery appointments where the carrier has sent an initial EDI 163 document requesting an appointment. Best Buy will return the B1302 value here that was submitted on the Original EDI 163 Appointment Request.</p> <p>Delivery appointments that are created as part of the Best Buy Collect Freight (Best Buy is paying the freight charges) program were the carrier received an EDI load Tender, the Best Buy TMS load ID will be returned in the B1302 as the unique ID.</p> <p>Delivery appointments that are created for Best Buy Deconsolidation centers freight movements where the carrier received a load tender from the deconsolidator. Best Buy will be returning the Deconsolidators Manifest ID as the B1302 unique ID.</p>							
B1302	140	Standard Carrier Alpha Code	O	ID	2/4	Must use	1
<p>Description: Standard Carrier Alpha Code</p> <p>User Note 1: This will contain the SCAC of the carrier ultimately responsible for the delivery of the shipment and making the appointment.</p>							

Semantics:

1. B1301 is the appointment pick-up or delivery request reference number. It is a number assigned by the party requesting the original appointment that uniquely identifies the request for a pick-up or delivery appointment. It is not a unique appointment number.
2. B1302 is the Standard Carrier Alpha Code (SCAC) of the carrier who will be keeping the appointment.

User Note 1:

Example Data:
 B13*UniqueDocID*SCAC~

B2A Set Purpose

Pos: 0300	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To allow for positive identification of transaction set purpose

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>	<u>Rep</u>
B2A01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

User Note 1:

Code GR (Granted) will be used by Best Buy when returning a granted appointment date and time for a shipment/load in response to a previously submitted request for an appointment or for a load Initiated by Best Buy. (See B1301 for the unique ID used for those shipments/Loads initiated by Best Buy to match to the load in your system.

Code 44 (Rejection) will be used to indicate that Best Buy is rejecting a previously submitted appointment request. Use the code list to provide reason(s) for the rejection within the OID10 element. If the requesting party provides invalid data, fails to send required data or a loading issues occurs, a rejections will be sent. The requesting party is expected to send a replacement (B2A01 with code 05) with the corrected information

Code 01 (Cancellation) will be used when Best Buy is cancelling an already granted delivery appointment.

CodeList Summary (Total Codes: 65, Included: 3)

<u>Code</u>	<u>Name</u>
01	Cancellation
44	Rejection
GR	Granted

User Note 1:

This code indicates that the Transportation document that was previously sent to the receiving party is being cancelled by the sending party.

User Note 1:

This code will be sent by Best Buy when granting a requested delivery appointment in response to a request sent in by the carrier. In addition, the carrier will receive this code on EDI 163 document transmission with appointment information for loads they have received EDI 204 load tenders and accepted the loads. Appointment information will also be sent for loads booked with the Best Buy Deconsolidation center moving to Best Buy DDC/RDC Locations.

B2A02	346	Application Type	O	ID	2/2	Used	1
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Description: Code identifying an application

User Note 1: This will always be code "AT " indicating appointment

CodeList Summary (Total Codes: 84, Included: 1)

<u>Code</u>	<u>Name</u>
AT	Appointment

User Note 1:

*Example Data:
B2A*13*AT~*

Loop Name

Pos: 1000 Repeat: 3
 Optional
 Loop: 0100 Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1000	N1	Name	O	1		Used
1500	G61	Contact	O	5		Used

User Note 1:

This name loop at the header level will be only be present if the B2A01 code is "44" indicating that Best Buy is rejecting the previously submitted appointment request. It will contain Best Buy's contact and email information if the carrier needs to reach out and ask questions about the Rejection. Best Buy will only send a single Name (Loop 100) loop at the header level with the contact information of the person/group responsible for to assist the carrier with the rejection issues.

N1**Name**

Pos: 1000	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual**User Note 1:** *The N101 at this level will always be populated by code "CN" to indicate that the Name loop contains Consignee information.***CodeList Summary** (Total Codes: 1446, Included: 1)

<u>Code</u>	<u>Name</u>
CN	Consignee

N102	93	Name	X	AN	1/60	Used	1
------	----	-------------	---	----	------	------	---

Description: Free-form name**User Note 1:** *This element will always be populated with "Best Buy Enterprise".***Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

User Note 1:*This segment is used to start the 100 Name Loop and is mandatory.**Example Data:**N1*CN*Best Buy Enterprise~*

G61 Contact

Pos: 1500	Max: 5
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

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>	<u>Rep</u>
G6101	366	Contact Function Code	M	ID	2/2	Must use	1

Description: Code identifying the major duty or responsibility of the person or group named

User Note 1: This element is used to indicate that the contact information for the party that is supporting the appointment request process at Best Buy. Code "A5" will always be sent in this element.

CodeList Summary (Total Codes: 234, Included: 1)

<u>Code</u>	<u>Name</u>
A5	Appointment Scheduler

G6102	93	Name	M	AN	1/60	Must use	1
-------	----	------	---	----	------	----------	---

Description: Free-form name

User Note 1: This element will contain the name of the group associated with the Best Buy Dock scheduling who are responsible for the appointment request rejection support.

G6103	365	Communication Number Qualifier	X	ID	2/2	Used	1
-------	-----	--------------------------------	---	----	-----	------	---

Description: Code identifying the type of communication number

User Note 1: This element is used to define the information in the G6104 element. Best Buy will send code "EM" for email and an email address post in the G6104 for the contact party.

CodeList Summary (Total Codes: 40, Included: 1)

<u>Code</u>	<u>Name</u>
EM	Electronic Mail

G6104	364	Communication Number	X	AN	1/256	Used	1
-------	-----	----------------------	---	----	-------	------	---

Description: Complete communications number including country or area code when applicable

User Note 1: Best Buy will send the email address for Best buy scheduling support team to aid the carrier with any questions about the rejection requests.

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

User Note 1:

This segment will only be present when Best Buy is granting a Dock Scheduling Delivery appointment. B1301 code would be "GR".

Example Data:

G61*A5*Name of Contact*EM*NameofContact@cbestbuy.com~

Loop Stop-off Details

Pos: 1900 Repeat: 999
 Optional
 Loop: 0300 Elements: N/A

User Option (Usage): Used

Purpose: To specify stop-off detail reference numbers and stop reason

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1900	S5	Stop-off Details	O	1		Must use
2000	N1	Name	O	1		Must use
2400	N9	Reference Identification	O	10		Used
2600	G62	Date/Time	O	10		Used
2700		Loop 0350	O		99999	Used

User Note 1:

This loop 0100 will only include the delivery stop off/freight point information. the N1 segment with the Delivery location and the N9 with reference information will be the only segments that will be consistently returned in this by Best Buy for all 3 Appointment request types sent by Best Buy. All other segments outline within this loop will only appear if a certain document purpose codes are indicated.

User Note 2:

Stop off level cartons and weight are not used by Best Buy and will have default values in them.

S5 Stop-off Details

Pos: 1900	Max: 1
Heading - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Must use

Purpose: To specify stop-off detail reference numbers and stop reason

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>	<u>Rep</u>
S501	165	Stop Sequence Number	M	NO	1/3	Must use	1

Description: Identifying number for the specific stop and the sequence in which the stop is to be performed

User Note 1: S501 value will increment by 1 if Multiple BOL's are indicated or provided in an original 163 Appointment Request submitted by the carrier. This should be a sequential number, preferably starting off at 1.

S502	163	Stop Reason Code	M	ID	2/2	Must use	1
------	-----	------------------	---	----	-----	----------	---

Description: Code specifying the reason for the stop

User Note 1: Code "CU" for Complete unload will always be sent in this element.

CodeList Summary (Total Codes: 20, Included: 1)

<u>Code</u>	<u>Name</u>
CU	Complete Unload

Syntax Rules:

1. P0304 - If either S503 or S504 is present, then the other is required.
2. P0506 - If either S505 or S506 is present, then the other is required.
3. P0708 - If either S507 or S508 is present, then the other is required.

Semantics:

1. S509 is the stop reason description.

User Note 1:

This segment is required by standards to start the 300 loop. Best Buy is not actually using any information in this particular segment. The stop sequence number will always start at 1.

Example Data:

S5*1*CU~

N1**Name**

Pos: 2000	Max: 1
Heading - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Must use**Purpose:** To identify a party by type of organization, name, and code**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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual**User Note 1:** Best Buy will always send the qualifier of "ST" here to indicate this is the Ship To location name segment.**CodeList Summary** (Total Codes: 1446, Included: 1)

<u>Code</u>	<u>Name</u>
ST	Ship To

User Note 1:

The use of the "ST" qualifier identifies that this facility is a Ship To/delivery location for this particular load/shipment.

N103	66	Identification Code Qualifier	X	ID	1/2	Must use	1
------	----	--------------------------------------	---	----	-----	----------	---

Description: Code designating the system/method of code structure used for Identification Code (67)**User Note 1:** Best Buy will always send Code 94 here to indicate that the information in the N104 element is Best Buy's unique location ID that the appointment request is being sent to the carrier for.**CodeList Summary** (Total Codes: 223, Included: 1)

<u>Code</u>	<u>Name</u>
94	Code assigned by the organization that is the ultimate destination of the transaction set

N104	67	Identification Code	X	AN	2/80	Must use	1
------	----	----------------------------	---	----	------	----------	---

Description: Code identifying a party or other code**User Note 1:** The N104 element will filled with the Best Buy assigned location ID that the Transportation Shipment Request was originally submitted for to receive a delivery appointment at.**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

User Note 1:

There will only be one N1 segment per Stop off loop. This Name segment will contain the Best Buy delivery location provided in the original communication that was attempting to create/gain an appointment

Example Data:

N1*ST*94*BBYLocID~

N9 Reference Identification

Pos: 2400	Max: 10
Heading - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1

Description: Code qualifying the Reference Identification

User Note 1: If the N902 value is the Best Buy Load ID than the N901 should use the qualifier "BN".

If the N902 value is the Bill of Lading ID than the N901 should use the qualifier "BM" .

If the N902 value is the Dock Appointment ID than the N901 should use the qualifier "AO".

If the N902 value is the Carrier PRO/Load ID than the N901 should use the qualifier "CN" .

CodeList Summary (Total Codes: 1631, Included: 4)

Code	Name
AO	Appointment Number
BM	Bill of Lading Number
BN	Booking Number
CN	Carrier's Reference Number (PRO/Invoice)

N902	127	Reference Identification	X	AN	1/50	Used	1
------	-----	--------------------------	---	----	------	------	---

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

User Note 1:

The N9 segment may have multiple iterations and will contain various different reference numbers that can used to help identify the load.

For all reference numbers submitted by the carrier on an original Request for an appointment, initiated by the carrier for shipments/loads were Best Buy is not submitting the freight charges, will be returned here from the original request. In addition, for a Granted delivery appointment, the Dock Schedule ID (N 901 = AO) will be returned in this segment.

User Note 2:

Example Data:

Here is an N9 segment with Best Buy TMS Load ID

L11*BN*654321~

Here is an N9 segment with Carrier PRO/Load ID

L11*CN*CarrierPRO1~

Here is an N9 segment with Best Buy Dock Appointment ID

L11*AO*999999~
Here is an N9 segment with Bill of Lading ID
L11*BM*BOLID999999~

G62 Date/Time

Pos: 2600	Max: 10
Heading - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used

Purpose: To specify pertinent dates and times

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>	<u>Rep</u>
G6201	432	Date Qualifier	X	ID	2/2	Used	1
Description: Code specifying type of date							
CodeList Summary (Total Codes: 138, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		70	Scheduled Delivery Date				
G6202	373	Date	X	DT	8/8	Used	1
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year							
G6203	176	Time Qualifier	X	ID	1/2	Used	1
Description: Code specifying the reported time							
CodeList Summary (Total Codes: 43, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		X	Scheduled Delivery Time				
G6204	337	Time	X	TM	4/8	Used	1
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)							

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

User Note 1:

The G62 segment will only appear if the B2A01 purpose code is "GR".

The G6201 qualifier "70" refers to the granted delivery date that Best Buy has set for the delivery in the G6202. The G6203 qualifier "X" refers to the granted delivery time in the G6204 on the day transmitted in the G6202

Example Data:

G62*70*20180520*X*1200~

Loop Order Identification Detail

Pos: 2700 Repeat: 99999
 Optional
 Loop: 0350 Elements: N/A

User Option (Usage): Used

Purpose: To specify order identification detail

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2700	OID	Order Identification Detail	O	1		Used

User Note 1:

The OID/350 loop will only be present when Best Buy Dock Scheduling is rejecting the appointment request for missing or invalid data that was submitted on the request document. The B2A01 purpose code of "44" will indicate that this is a rejection to an originally submitted request for an appointment.

The values in this OID/350 Loop describe each individual order/shipment in the carrier shipment identified in the B1301 and/or N9 segments/elements.

User Note 2:

Each occurrence of this Loop will indicate one individual order/shipment that has rejection reason code associated with it in the OID10 element.

OID Order Identification Detail

Pos: 2700	Max: 1
Heading - Optional	
Loop: 0350	Elements: 4

User Option (Usage): Used
Purpose: To specify order identification detail

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>	<u>Rep</u>
OID02	324	Purchase Order Number	X	AN	1/22	Used	1

Description: Identifying number for Purchase Order assigned by the orderer/purchaser
User Note 1: This element will contain the Best Buy Purchase Order or similar reference number (Transfer ID, RTV (Return to Vendor Authorization number), etc) that was provided in the original request for an appointment.

OID04	211	Packaging Form Code	X	ID	3/3	Used	1
-------	-----	---------------------	---	----	-----	------	---

Description: Code for packaging form of the lading quantity
User Note 1: If present this is the qualifier that defines the type of Logistical shipping/handling units that are being moved on the shipment under the Reference ID indicated in the OID02. In almost all cases the qualifier will be "CTN".

CodeList Summary (Total Codes: 134, Included: 1)

<u>Code</u>	<u>Name</u>
CTN	Carton

OID05	380	Quantity	X	R	1/15	Used	1
-------	-----	----------	---	---	------	------	---

Description: Numeric value of quantity
User Note 1: If present this will contain actual numerical quantity of the Logistical shipping/handling units submitted on the shipment under the Reference ID indicated in the OID02.

OID10	647	Application Error Condition Code	O	ID	1/3	Used	1
-------	-----	----------------------------------	---	----	-----	------	---

Description: Code indicating application error condition
User Note 1:
 If the OID segment is present this element should always be populated. For explanation for what triggers each code please see rejection appointment request section on page ii of this Guide.

CodeList Summary (Total Codes: 163, Included: 7)

<u>Code</u>	<u>Name</u>
P	Missing or Invalid Item Quantity
V	Missing or Unauthorized Action Code
MA	Missing or Invalid Store Number
MB	Missing or Invalid Purchase Order Number
812	Missing Transaction Reference or Trace Number
INF	Invalid Status Code
	Description: The Vehicle Status Code (DE1094) reported is invalid
POI	Purchase Order Number Invalid

Syntax Rules:

1. R0102 - At least one of OID01 or OID02 is required.
2. C0302 - If OID03 is present, then OID02 is required.
3. P0405 - If either OID04 or OID05 is present, then the other is required.
4. P0607 - If either OID06 or OID07 is present, then the other is required.
5. P0809 - If either OID08 or OID09 is present, then the other is required.

Semantics:

1. OID01 is the seller's order identification number.
2. OID03 is the number assigned by the consignee to further define the purchase order number.
3. OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

User Note 1:

The OID segment(s) will always contain the Order ID (OID02) and the error code (OID10). Any other elements populated in this segment would be directly tied to the actual error.

Example Data:

*OID**BestBuyPO**CTN*245*L *18000***MA~*

SE Transaction Set Trailer

Pos: 2900	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

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>	<u>Rep</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

Comments:

- SE is the last segment of each transaction set.

User Note 1:

The Transaction Set Control Number (SE02) must match the Transaction Set Control Number used in the Transaction Set Trailer (ST02).

Example Data:

*SE*24*0001~*

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

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>	<u>Rep</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use	1
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element					
GE02	28	Group Control Number	M	N0	1/9	Must use	1
		Description: Assigned number originated and maintained by the sender					

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

User Note 1:

The Group Control Number (GE02) must match the Group Control Number (GS06) in the Functional Group Header for each Functional Group.

*Example Data:
GE*1*623~*

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

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>	<u>Rep</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use	1
		Description: A count of the number of functional groups included in an interchange					
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					

User Note 1:

The Interchange Control Number (IEA02) must match the Interchange Control Number (ISA13) in the Interchange Control Header.

*Example Data:
IEA*1*000000623~*

Example Data

Examples of Appointment Request where Best Buy is not paying the freight charges

Granted/Rescheduled Transportation Appointment request with the delivery appointment.

ISA*00* *00* *ZZ*0600603000003 *02*CARRIERID
 *180501*1225*<*00403*00000011*1*P*|~
 GS*AS*0600603000003*CARRIERID*20180501*1225360*1*X*004030~
 ST*163*0001~
 B13*UniqueID1*SCAC~
 B2A*GR*AT~ ← **B2A01 is set to code GR**
 S5*1*CU~
 N1*ST**94*70~
 N9*BM*Bill of Lading ID~
 N9*CN*Carrier PRO/Load ID~
 N9*AO*80001520~
 G62*70*20180426*X*1500~ ← **G62 segment contain the Dock scheduling appointment date and time that has been granted**
 SE*10*0001~
 GE*1*1~
 IEA*1*000000011~

Rejection of a Transportation Appointment request

ISA*00* *00* *ZZ*0600603000003 *02*CARRIERID
 *180501*1225*<*00403*00000010*1*P*|~
 GS*AS*0600603000003*CARRIERID*20180501*1225360*1*X*004030~
 ST*163*0001~
 B13*UniqueID20*SCAC~
 B2A*44*AT~ ← **B2A01 is set to code 44**
 N1*CN*Best Buy Enterprise~
 G61*A5*Best Buy Scheduling*EM*Scheduling@BestBuy.com~
 S5*1*CU~
 N1*ST**94*70~
 N9*BM*Bill of Lading ID30~
 N9*CN*Carrier PRO/Load ID30~
 OID**WHATPO*****MB~ ← **OID segment appears with the error code indicating what the issue is with the overall document or the particular order line.**
 OID**MANBAT**CTN*50000*****P~
 OID**PONID2*****MA~
 SE*13*0001~
 GE*1*~1
 IEA*1*000000010~