



# 001 Control Segments

X12/V4010/001 : 001 Control Segments

**Version: 4.0 Final**

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<b>Trading Partner:</b>	<b>All</b>
<b>Notes:</b>	

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# 001 Control Segments

## Functional Group=

### Purpose:

#### User Note 1:

Burlington Stores uses the following Production Delimiters on all EDI transmissions sent to Burlington Stores Vendors, Carriers, Trading and Solution partners:

- Segment Separator – hex 15 (NAK)
- Element separator – hex 7C (|)
- Sub-element Separator – hex 3E (>)

Burlington Stores requires that all vendors use the following Production Delimiters on all EDI transmissions sent to Burlington Coat Factory:

- Segment Separator – hex 15 (NAK) or hex 7E (~)
- Element separator – hex 7C (|)
- Sub-element Separator – hex 3E (>)

Review the 001 Control Segment Specifications for ISA Interchange Control Header, GS Functional Group Header, GE Functional Group Trailer, and IEA Interchange Control Trailer information. The 001 Control Segment specification can be found on this page: <http://www.burlingtoncoatfactory.com/Vendors/EDI.aspx>

#### User Note 2:

This Burlington Stores EDI Specification Document was developed exclusively for technical development purposes as would be undertaken by a typical trading partner as part of their on-boarding and technical development process; this document was designed to be as informative as possible however is not intended to provide complete compliance guidance or as part of a typical compliance management process undertaken by a typical trading partner.

The Burlington Stores Vendor Compliance guidelines can be found here:  
<http://www.burlingtoncoatfactory.com/Vendors/Compliance.aspx>

Burlington Stores EDI Specification Documents can be found on the Burlington Stores website under :  
<http://www.burlingtoncoatfactory.com/Vendors/EDI.aspx>

If you find this or any Burlington Stores EDI Specification contains material omissions or commentary which would be of value to your on-boarding and/or technical development process, please contact EDI Support at (609)387-7800 Ext 3340 (EDI-0) or [EDI.Support@BurlingtonStores.com](mailto:EDI.Support@BurlingtonStores.com) , where an incident will be opened and escalated to the guideline management team.

If there are any questions about this or any Burlington Stores EDI specification contact EDI Support at (609) 387-7800 Ext 3340 (EDI-0) or [EDI.Support@BurlingtonStores.com](mailto:EDI.Support@BurlingtonStores.com) , where an incident will be opened and answered by the next available EDI coordinator.

#### User Note 3:

Burlington Stores is committed to the use of electronic data interchange (EDI) for all transactions with all parties including merchandise and non merchandise trading partners, third parties, intermediaries, solution partners and carriers from PO to payment, order to cash, and from pick up to delivery.

Burlington uses the 001 Control Segments to indicate the production delimiters currently in use as well as those required of our trading partners who exchange EDI business messages by way of EDI translation software with Burlington Coat Factory

If there are any questions about Control Segments or any Burlington Stores EDI specification contact EDI Support

at (609) 387-7800 Ext 3340 (EDI-0) or [EDI.Support@BurlingtonStores.com](mailto:EDI.Support@BurlingtonStores.com) , where an incident will be opened and answered by the next available EDI coordinator.

**User Note 4:**

*'Burlington Stores' includes trademarks, service marks and trade names used in connection with the operation of the business; documents EDI documents and or specifications may include such names as "Modecraft Fashions", Burlington Coat Factory, "Cohoes," "Luxury Linens," "MJM Designer Shoes" and "Baby Depot."*

**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>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

# 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use

**Description:** Code to identify the type of information in the Authorization Information

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

**Code Name**

00 No Authorization Information Present (No Meaningful Information in I02)

ISA02	I02	Authorization Information	M	AN	10/10	Must use
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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:** Burlington Stores fills the ISA02 segment with spaces

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
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**Description:** Code to identify the type of information in the Security Information

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

**Code Name**

00 No Security Information Present (No Meaningful Information in I04)

ISA04	I04	Security Information	M	AN	10/10	Must use
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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:** Burlington Stores fills the ISA04 segment with spaces

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
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**Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

**CodeList Summary** (Total Codes: 38, Included: 8)

**Code Name**

01 Duns (Dun & Bradstreet)

02 SCAC (Standard Carrier Alpha Code)

**User Note 1:**

The Standard Carrier Alpha Code (SCAC) is a unique code used to identify transportation companies. It is typically two to four alpha characters in length and was developed by the National Motor Freight Traffic Association in the 1960s to help the transportation industry computerize data and records. For more information go to <http://www.nmfta.org/pages/scac>

**Code Name**

*Burlington Stores are committed to the use of electronic data interchange (EDI) for all transactions with all parties including carrier partners, in keeping with that philosophy we've added the 02 SCAC identifier to the ISA05 Interchange ID Qualifier element to our core system to better enable our carrier partners.*

*The Burlington EDI Team is committed to 'Making it Easy!'  
 ...If there are any questions about any Burlington Stores EDI or EDI specifications contact EDI Support at (609) 387-7800 Ext 3340 (EDI-0) or [EDI.Support@BurlingtonStores.com](mailto:EDI.Support@BurlingtonStores.com); where an incident will be opened and answered by the next available EDI Coordinator*

08 UCC EDI Communications ID (Comm ID)

**User Note 1:**

*Burlington Stores uses the '08' qualifier in the ISA05 to indicate the UCC EDI Communications ID (Comm ID), 6126750000, in the ISA06 Interchange Sender ID.*

- 09 X.121 (CCITT)
- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- SN Standard Address Number
- ZZ Mutually Defined

ISA06 I06 **Interchange Sender ID** M AN 15/15 Must use

**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:** *Burlington Stores sends the UCC EDI Communications ID (Comm ID), 6126750000, in the ISA06 Interchange Sender ID*

ISA07 I05 **Interchange ID Qualifier** M ID 2/2 Must use

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

**CodeList Summary** (Total Codes: 38, Included: 7)

**Code Name**

- 01 Duns (Dun & Bradstreet)
- 08 UCC EDI Communications ID (Comm ID)
- 09 X.121 (CCITT)
- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- SN Standard Address Number
- ZZ Mutually Defined

ISA08 I07 **Interchange Receiver ID** M AN 15/15 Must use

**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

ISA09 I08 **Interchange Date** M DT 6/6 Must use

**Description:** Date of the interchange

**User Note 1:** *Burlington Stores sends the ISA09 Interchange Date as YYMMDD*

ISA10 I09 **Interchange Time** M TM 4/4 Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** Time of the interchange

**User Note 1:** *Burlington Stores expresses time in 24-hour clock time as follows: HHMM*

ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use
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**Description:** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

**CodeList Summary** (Total Codes: 3, Included: 2)

**Code Name**

U U.S. EDI Community of ASC X12, TDCC, and UCS

**User Note 1:**

*Starting with V5010 the ISA11 is now a repetition separator. Burlington Stores recognizes the ISA11 as a repetition separator in the BCF testing environment, in other words not a data element, but a delimiter. A common replacement is to use the caret '^' symbol when updated translation software reads the 'U' as a repetition separator.*

*The ISA11 field after V5010 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. While the 'U' value can continue to be used in the Burlington Stores environment it can encounter issues from time to time particularly in the testing environment.*

^ ASC X12 Repetition separator after V5010

**User Note 1:**

*Burlington Stores recognizes the ISA11 as a repetition separator, in other words not a data element, but a delimiter. The ISA11 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. While the 'U' value can continue to be used in the Burlington Stores environment it can encounter issues from time to time particularly in the testing environment.*

ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
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**Description:** This version number covers the interchange control segments

**CodeList Summary** (Total Codes: 14, Included: 1)

**Code Name**

00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
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**Description:** A control number assigned by the interchange sender

**User Note 1:** *Burlington Stores requires the IEA02 to match the ISA13*

ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
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**Description:** Code sent by the sender to request an interchange acknowledgment (TA1)

**All valid standard codes are used. (Total Codes: 2)**

ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
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**Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**CodeList Summary** (Total Codes: 3, Included: 2)

**Code Name**

P	Production Data
T	Test Data

ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
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**Description:** Type is not applicable; the component element separator is a delimiter and not 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:** *Burlington Stores uses the ' > ' as the sub-element separator.*

**User Note 2:** *Burlington Stores requires that all vendors use the ' > ' as the sub-element separator.*



# GS Functional Group Header

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

**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>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use

**Description:** Code identifying a group of application related transaction sets

**CodeList Summary** (Total Codes: 234, Included: 15)

**Code Name**

- AG Application Advice (824)
- BL Motor Carrier Bill of Lading (211)
- FA Functional Acknowledgment (997)
- GF Response to a Load Tender (990)
- IB Inventory Inquiry/Advice (846)
- IM Motor Carrier Freight Details and Invoice (210, 980)
- IN Invoice Information (810,819)
- PC Purchase Order Change Request - Buyer Initiated (860)
- PD Product Activity Data (852)
- PO Purchase Order (850)
- PR Purchase Order Acknowledgement (855)
- QM Transportation Carrier Shipment Status Message (214)
- SC Price/Sales Catalog (832)
- SH Ship Notice/Manifest (856)
- SM Motor Carrier Load Tender (204)

GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
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**Description:** Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
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**Description:** Code identifying party receiving transmission. Codes agreed to by trading partners

GS04	373	<b>Date</b>	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

GS05	337	<b>Time</b>	M	TM	4/8	Must use
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**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:** Burlington Stores expresses time in 24-hour clock time as follows: HHMM

GS06	28	<b>Group Control Number</b>	M	NO	1/9	Must use
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**Description:** Assigned number originated and maintained by the sender

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<b>User Note 1:</b> Burlington Stores requires the GE02 to match the GS06						
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard						
<b>CodeList Summary</b> (Total Codes: 2, Included: 1)						
<b>Code Name</b>						
X Accredited Standards Committee X12						
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
<b>Description:</b> 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						
<b>CodeList Summary</b> (Total Codes: 36, Included: 1)						
<b>Code Name</b>						
004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997						

**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.

# 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>
GE01	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						
<b>User Note 1:</b> <i>Burlington Stores requires the GE02 to match the GS06</i>						

## 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.

# 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>
IEA01	I16	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use

**Description:** A count of the number of functional groups included in an interchange

IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
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**Description:** A control number assigned by the interchange sender

**User Note 1:** Burlington Stores requires the IEA02 to match the ISA13

## Semantics:

1. The data interchange control number IEA02 in this trailer must be identical to the same data element in the associated functional group header, ISA13

## 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