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# Dsco/Bass Pro Shops Dropship 4010VICS EDI Specifications

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Version 1.4 | 2023-08-23

<http://www.dsco.io/>  
[support@dsco.io](mailto:support@dsco.io)

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## Change History

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Version	Date	Author	Comments
1.0	2020-06-24	K. Tolley	Initial release.
1.1	2021-11-22	W. Wood	Update to code in N104 to 909D for ship-to-consumer orders in 850. Changed sample for BIA02 for 810.
1.2	2022-02-22	W. Wood	846: LIN04 and LIN05 changed to not required
1.3	2022-06-15	T. Whitney	Added PO101 as a required segment to 850.
1.4	2023-08-23	K. Muckle	Added SAC segment for Handling and Freight Amounts. Added REF*SE segment for line-item serial numbers.

## 1.0 Introduction

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Dsco solves the one-to-many integration relationships that challenge both retailers and suppliers when building a drop shipping operation. Our software platform is used for inventory and order management, consolidation, and automation for dropshipping. We connect the virtual data, about distributed product supply, to retail storefronts.

This document outlines the EDI specifications for suppliers to connect with BPS. Note that this spec will **NOT** be updated to accommodate future functionality in Dsco that BPS may utilize. As such, in order to ensure future compatibility, it is recommended that new suppliers connect to Dsco using the Dsco EDI specifications. This specification is only to be used to ease the migration of current BPS suppliers. All suppliers new to working with BPS should integrate using the Dsco EDI specification. If you need access to the Dsco EDI Specifications, need help setting up an automated job, or need to access our Support articles, please visit <http://support.dsco.io>.

## 2.0 General EDI Guidelines

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### Standard Version

BPS supports EDI using the **004010VICS** version.

### Interchange ID

Dsco uses **DSCO** as the Interchange ID with a Qualifier of **ZZ**. However, Dsco also allows you to customize the sender and receiver ID's within the automation configuration.

### Supported Exchange Protocols

#### SFTP

Every Dsco account includes an SFTP account that is specific to that account and is not shared with any other. EDI exchange can use the ftp.dsco.io server or you can use your own SFTP server.

For those utilizing the standard Dsco SFTP servers, please be aware of the following:

- Transactions coming from the Supplier to Dsco need to be placed in the "/in" directory.
- When Dsco processes incoming files, we move the files to the "/in/processing" directory temporarily, while we process those files, and then we move them to the "/in/archive" directory once the import has been completed.
- Transactions being generated by Dsco will be deposited in the "/out" directory.
- Our servers monitor the "/out" directory and, upon successful download of any file in that directory, we will move the file(s) to the "/out/archive" folder where you will be able to access it again for a limited time.
- Please do not delete the files from the "/out" directory once you have downloaded them. It is helpful to both parties to have those files available in the archive if need be.

#### AS2

For those requiring a higher level of security, Dsco provides access to an AS2 server. Setup and configuration of the AS2 connection are currently manual so please contact our support team at support@dsco.io to make a request to utilize AS2.

## Supported Transactions

BPS supports the following transaction types:

- 846 Inventory Advice
- 850 Purchase Order
- 860 Order Status (Cancel)
- 856 Advance Ship Notice
- 810 Invoice

\* All documents should always be confirmed with your trading partners.

If you wish to import rich product information, such as product descriptions and images, you will need to utilize our flat-file exchange using CSV, TAB, or Excel formatted files, Dsco's Portal, or Dsco's Catalog API.

## ISA Control Numbers

For incoming EDI transactions, Dsco does not require that each transaction has a unique ISA Control Number, but it is best practice to do so, especially in the event that two parties need to research a specific transaction. Dsco will not reject ISA Control Numbers that are not unique.

For outgoing EDI transactions, Dsco will provide an ISA Control Number that starts at 1 and that increments sequentially for each subsequent document.

## Delimiters

Although Dsco allows you to configure the following parameters for each individual job, we do utilize the following default settings:

Segment Terminator:	~	(Decimal Value 126 or HEX 7E)
Element Separator:	*	(Decimal Value 42 or HEX 2A)
Sub-element Separator:	>	(Decimal Value 62 or HEX 3E)
Repeat Separator:	<	(Decimal Value 60 or HEX 3C)

When the Standard Version (ISA12) is set to 00501, ISA11 will be designated as the Repeat Separator. Otherwise, ISA11 will be designated as the Interchange Standards Identifier.

For incoming EDI transactions, Dsco automatically detects the characters above as the EDI specification dictates that the Element Separator be the 104th character, the Sub-element Separator be the 105th character, and the Segment Terminator be the 106th character.

## 997 Acknowledgements

Dsco requires that you return a 997 for each transaction that we send you.

Dsco will generate a 997 for each transaction that we process if you have enabled this feature. All 997 documents we generate will be deposited on our SFTP server within the "/out" directory. Dsco does not currently support the generation of 997 documents that need to be delivered to external destinations. When the AS 2 connection method is used, Dsco will return the 997 through the AS2 connection.

A 997 is not a confirmation that the content delivered or received is correct, only that the transaction was received. If there are issues with the actual content of the transaction, please contact our support team.

## Contact Information

For support with your EDI exchange, please visit <http://support.dsco.io> or email us at [support@dsco.io](mailto:support@dsco.io).

## 2.1 Timing

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It is extremely important to update inventory and orders as quickly as you have accurate/valid data. If you are only able to provide accurate inventory level information daily, it's best to send Dsco your inventory information on a daily basis rather than hourly. However, if you are able to provide accurate information hourly, please do so. Invoice data should be submitted within 24 hours of shipment.

## 2.2 Data Integrity

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Data integrity of all transactions is vital to the quality of the customer experience and a successful Drop Ship program. Two components contribute to the accuracy of the program, EDI syntax and the data itself.

### **Processing History**

Dsco keeps all detailed automation history for all imports and exports for at least 45 days and it is the responsibility of the Dsco user to review the automation history for any errors and to address any notifications sent as a result of processing errors. If questions arise as to any issues or problems, please contact Dsco support at support@dsco.io.

### **Quality of data**

The BPS Purchase Order number, SKU, UPC, and Line Item Number sent on the PO must be returned on the return transactions (860 Order Status, 856 Ship Notice, and 810 Invoice) in order for the information to update properly within Dsco.

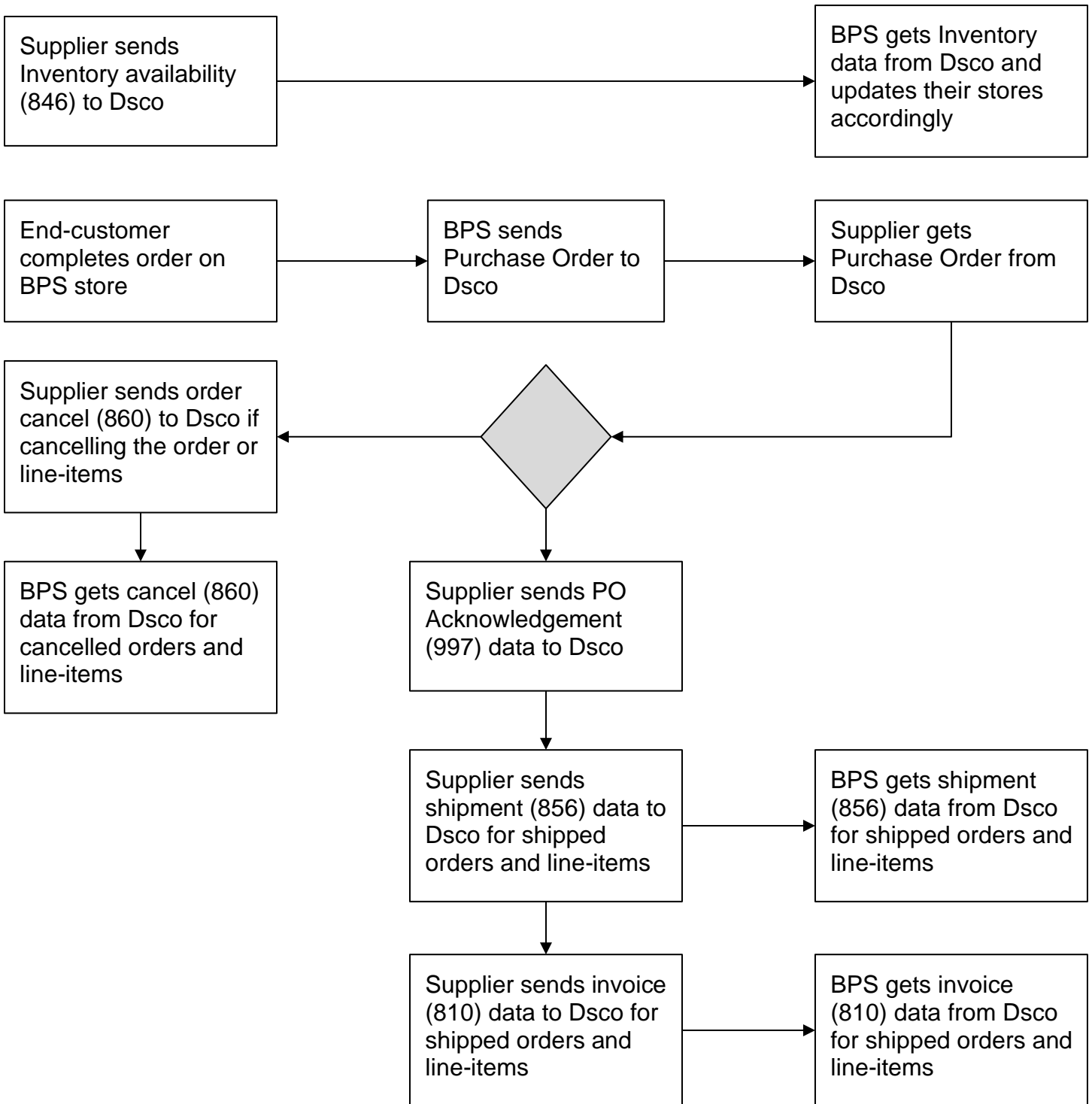
## 2.3 Data Retention

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Dsco retains full transactional data for every data object for the life of the customer on the Dsco platform. Logs of exchanged files are retained for 90 days.

### 3.0 EDI Transaction Overview

#### 3.1 EDI Workflow Diagram



## 3.2 Bass Pro Shops EDI Transaction Overview

EDI	Description	Path
846	<p><b>Inventory</b> <span style="float: right;"><b>Supplier to Dsco to Bass Pro Shops</b></span></p> <p>Sending anything greater than '0' in the QTY02 segment indicates that the supplier has sufficient stock to fulfill orders. Sending a '0' indicates that the supplier is either out-of-stock on the particular item or, if the supplier has a safety stock level in place, the stock is low enough that the item may end up going on backorder.</p> <p>Please be sure to include actual quantities. Yes, sending a '1' will set the item to “in-stock” status, but if the retailer has opted to utilize the auto-inventory-decrementing feature within Dsco, that item will immediately be set to “out-of-stock” as soon as the first order is processed for that item.</p>	
N/A	<p><b>Product Copy &amp; Images</b> <span style="float: right;"><b>N/A</b></span></p> <p>The supplier can upload product copy and images through batch automation or manually through the Dsco portal.</p>	
850	<p><b>Purchase Order</b> <span style="float: right;"><b>Bass Pro Shops to Dsco to Supplier</b></span></p> <p>Purchase Orders can be submitted to Dsco at any time of the day so it's important for suppliers to get orders from Dsco as often as possible. Hourly is recommended and daily if hourly is not feasible.</p>	
856	<p><b>Ship Notice</b> <span style="float: right;"><b>Supplier to Dsco to Bass Pro Shops</b></span></p> <p>Also called an ASN (Advance Ship Notice) or Ship Confirm. The supplier must send Dsco this EDI transaction indicating the ship information for orders they have shipped at least daily but hourly if possible. In order to fulfill the delivery commitment to our mutual customer, it is expected that orders will ship based on the service level sent in the 850/PO from the first business day the purchase order is available within Dsco. To successfully update our system, we need to receive the correct SKUs and purchase order number as sent in the original 850/PO. This information will update our internal systems which notify the customer of the status of their order.</p> <p>If an 856 is sent for items that were canceled previously, Dsco will reject the update.</p>	
860	<p><b>Order Status - Supplier Cancel</b> <span style="float: right;"><b>Supplier to Dsco to Bass Pro Shops</b></span></p> <p>This transaction will update the customer's order if the vendor is unable to fill the order within the expected service level. To successfully update our system, we need to receive the correct SKUs and purchase order number as sent in the original 850/PO. Do not send an EDI 860 for shipped items.</p> <p>If an 856 is sent AFTER an 860 has already been sent, Dsco will reject the shipment.</p>	
810	<p><b>Invoice</b> <span style="float: right;"><b>Supplier to Dsco to Bass Pro Shops</b></span></p> <p>Invoice information will only be accepted for items that have been shipped. To successfully update our system, we also need to receive the PO number and SKUs as sent in the original 850/PO.</p> <p>If an 810 is sent for items that were previously canceled, Dsco will reject the invoice.</p>	



### 3.3 BPS/Supplier EDI File Routing

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BPS may wish to exchange additional documents that Dsco does not support natively which will require Dsco to route these EDI documents to and from BPS and suppliers directly without Dsco translating those documents in any way. The following documents are possible to be exchanged for this purpose.

**860**

**Order Status - Retailer/Customer Cancel  
Bass Pro Shops to Dsco to Supplier**

This transaction will be used to inform the supplier that Bass Pro Shop's customer has requested a cancellation of the given order. The supplier is expected to do everything they can to cancel the order and to not fulfill it. If the supplier is able to cancel the order successfully, they are expected to inform Dsco of this via the 860 EDI Order Status Cancellation file as outlined in this document.

**753**

**Request for Routing Instructions  
Supplier to Dsco to Bass Pro Shops**

In the case that the items being ordered must be shipped via LTL carrier, suppliers will send a 753 to Bass Pro Shops via Dsco to request for routing instructions. Bass Pro Shops will then return the 754 Routing Instructions document to the supplier.

**754**

**Routing Instructions  
Bass Pro Shops to Dsco to Supplier**

This transaction will be used by Bass Pro Shops to inform the supplier on how the LTL shipment should be handled. This will only be sent if the supplier had previously sent a 753 Request for Routing Instructions to Bass Pro Shops.

In order for these files to be routed a specific job will need to be set up on your account. Please contact Dsco's support team if the "BPS EDI File Router" job is not set up on your account. This job will be set to run hourly by default although that schedule can be modified if needed.

## 4.0 Inventory Advice - EDI 846

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The Inventory Advice transaction originates with the Supplier, is sent to Dsco, and then the Retailer gets the transaction from Dsco.

**Purpose:** To inform the Retailer of inventory availability with accurate inventory levels.

**Frequency:** Inventory information should be processed hourly or as the supplier has accurate inventory level information to provide to Dsco. If hourly is not feasible, at least daily.

- Dsco recommends providing a valid quantity level (the quantity available in the supplier's warehouse that can be shipped upon receipt of a Purchase Order) although any value above 0 means that the item is in-stock.
  - An inventory quantity that is > 0 means the item is in-stock and can be purchased.
  - The supplier can implement any “safety net” algorithm they choose, such as sending a stock quantity of 0 when the item is not truly out-of-stock but rather in the critically low stock level. This level is determined by the supplier.
  - Sending a '1' or anything greater than '0' in the QTY02 segment indicates that the supplier has sufficient stock to fulfill orders. Sending a '0' indicates that the vendor is either out-of-stock on the particular item or stock is low enough that the item may end up going on backorder.

If a '0' quantity is sent, an SCH segment is also requested. This segment provides a future available date in SCH06 which should be either:

The date of the expected availability of the item.

**NOTE:**

- Sending a '0' quantity 846 record does not affect any orders pending for the item; 860 transactions must be sent to properly cancel any open orders containing that item.
- In the event that data integrity becomes an issue, Dsco may request that the Supplier submit a full inventory transaction rather than changes only.

**Warehouse Quantities**

BPS does not support warehouse-level quantities within their 846 document. If you wish to provide this information, please reach out to Dsco to obtain Dsco's 846 specification.

## 4.1 846 Segment Hierarchy

Elements with an orange background are Mandatory.

<b>ISA</b>	<b>Interchange Header</b>
<b>GS</b>	<b>Group Header</b>

### Header

<b>ST</b>	<b>Transaction Set Header</b>
<b>BIA</b>	<b>Beginning Segment for Inventory / Inquiry</b>
<b>REF</b>	<b>Internal Supplier Number</b>

Line Item Detail Loop (The LIN segment indicates a new item record set)

<b>LIN</b>	<b>Item Identification</b>
<b>DTM</b>	<b>Discontinued Date</b>
<b>QTY</b>	<b>Quantity</b>
<b>SCH</b>	<b>Line Item Schedule</b>

### Trailer

<b>SE</b>	<b>Transaction Set Trailer</b>
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<b>GE</b>	<b>Group Trailer</b>
<b>IEA</b>	<b>Interchange Trailer</b>

\*A SKU and UPC are required for every item in an 846.

## 4.2 846 Segment Specification

Elements with orange background are Mandatory.

Element	Name	Comment
<b>ST - Transaction Set Header (Mandatory)</b>		
ST01	Transaction Set Identifier Code	'846'
ST02	Transaction Set Control Number	A unique number that is incremented by 1 for each transaction set sent. (Maximum of 9 digits)
<b>BIA - Beginning Segment for Inventory Inquiry (Mandatory)</b>		
BIA01	Transaction Set Purpose Code	'00' for Original
BIA02	Report Type Code	'MM' Manufacturers Inventory Report
BIA03	Reference Identification	Sequential Reference Number
BIA04	Date	Date (CCYYMMDD format)
BIA05	Time	Time (HHMMSS format)
<b>REF - Internal Supplier Number (Optional)</b>		
REF01	Reference Identification Qualifier	'IA' for Internal Supplier Number
REF02	Reference Identification	The BPS Vendor Number or DSCO Trading Partner ID.
<b>LIN - Item Identification (Mandatory)</b>		
LIN01	Empty	Empty
LIN02	Product ID Qualifier	'UP' for UPC 'EN' for EAN
LIN03	Product ID	When the qualifier is 'UP': Universal Product Code (UPC) <i>The UPC must be 12 digits to pass validation.</i> When the qualifier is 'EN': European Article Number (EAN) <i>The EAN must be 13 digits to pass validation.</i>
LIN04	Product ID Qualifier	'IN' for Partner SKU (Bass Pro SKU)
LIN05	Product ID	When the qualifier is 'IN': Partner SKU (Bass Pro SKU)
LIN06	Product ID Qualifier	'VN' for Supplier SKU
LIN07	Product ID	When the qualifier is 'VN': Supplier SKU <i>The Supplier's SKU of the item. A limit of 70 characters is enforced.</i> <i>If a SKU is not available you may duplicate the UPC or EAN to this field.</i>
<b>DTM - Date/Time Reference (Optional)</b>		
DTM01	Date/Time Qualifier	'036' for Item Expiration/Date item is no longer available or discontinued
DTM02	Date	Product's discontinued date (CCYYMMDD format)
<b>QTY - Quantity (Mandatory)</b>		
QTY01	Quantity Qualifier	'33' for Quantity Available for Sale (stock quantity).
QTY02	Quantity	The numeric value of Quantity that is available for sale. If the quantity is 0 then the status of the item will be set to 'discontinued'
QTY03	Unit of Measure	'EA' for Each
<b>SCH - Line Item Schedule (Optional)</b>		
SCH01	Quantity	Quantity Being Manufactured (Quantity-on-order)
SCH02	Unit or Basis for Measurement Code	'EA' for Each
SCH03	empty	empty
SCH04	empty	empty
SCH05	Date/Time Qualifier	'018' for Anticipated Availability Date

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		** If sending the SCH05 segment then the SCH06 segment is also required
SCH06	Date	Anticipated Availability Date (CCYYMMDD format)
<b>CTT - Transaction Totals (Required)</b>		
CTT01	Number of Line Items	The total number of line items in the Transaction Set. The number of LIN segments present in the transaction set.
<b>SE - Transaction Set Trailer (Required)</b>		
SE01	Number of Included Segments	Number of segments in the transaction set including ST and SE.
SE02	Transaction Set Control Number	Must match the value in ST02.

### 4.3 846 Examples

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Supplier SKU SUPPLIER\_SKU03 below is an example where 5 quantity-on-order is provided and expected to be received into the warehouse on 2020-03-17. This item is also discontinued as of 2020-05-20.

```

ISA*00*      *00*      *ZZ*DSCO      *01*082130378      *200303*1653*U*00401*000000797*0*P*>~
GS*IB*DSCO*082130378*20200303*1653*797*X*004010VICS~
ST*846*0001~
BIA*00*MM*000094441*20200303~
REF*IA*123456~
LIN**UP*1234567890121*IN*PARTNER_SKU01*VN*SUPPLIER_SKU01~
QTY*33*20*EA~
SCH*5*EA***018*20200317~
LIN**UP*1234567890122*IN*PARTNER_SKU02*VN*SUPPLIER_SKU02~
QTY*33*20*EA~
SCH*5*EA***018*20200317~
LIN**EN*12345678901234*IN*PARTNER_SKU03*VN*SUPPLIER_SKU03~
DTM*036*20200520~
QTY*33*50*EA~
SCH*5*EA***018*20200317~
CTT*22~
SE*15*0001~
GE*1*797~
IEA*1*000000797~
    
```

## 5.0 Purchase Order - EDI 850

The Purchase Order transaction originates with BPS, is sent to Dsco, and is then exported to the Supplier.

**NOTE:** These 850 specifications reflect version 4010VICS of the 850.

**Purpose:** To transmit new BPS orders to the supplier.

**Frequency:** Purchase Orders should be processed hourly. If hourly is not feasible, at least daily.

### 5.1 850 Segment Hierarchy

Elements with an orange background are Mandatory.

<b>ISA</b>	<b>Interchange Header</b>
<b>GS</b>	<b>Group Header</b>

#### Header

<b>ST</b>	<b>Transaction Set Header</b>
<b>BEG</b>	<b>Beginning Segment for Purchase Order</b>
CUR	Currency
REF	Internal Supplier Number
REF	Department Number
PER	Administrative Communication Contact
DTM	Cancel-If-Not-Shipped-By Date-Time Reference
DTM	Ship-By Date/Time Reference
DTM	Delivery-By Date/Time Reference
<b>TD5</b>	<b>Carrier/Shipment Details</b>
N9	PO Notes
MSG	Shipment Message
<b>N1</b>	<b>Name</b>
<b>N3</b>	<b>Address Information</b>
<b>N4</b>	<b>Geographic Location</b>
PER	Communications Contact

#### Item Detail

<b>PO1</b>	<b>Baseline Item Data</b>
<b>PID</b>	<b>Item Personalization/Customization</b>
<b>P04</b>	<b>Item Physical Details</b>

#### Trailer

<b>CTT</b>	<b>Transaction totals</b>
<b>SE</b>	<b>Transaction Set Trailer</b>

<b>GE</b>	<b>Group Trailer</b>
<b>IEA</b>	<b>Interchange Trailer</b>

## 5.2 850 Segment Specification

Elements with an orange background are Mandatory.

Element	Name	Comment
<b>ST - Transaction Set Header (Mandatory)</b>		
ST01	Transaction Set Identifier Code	'850'
ST02	Transaction Set Control Number	Unique number that is incremented by 1 for each transaction set sent. (Maximum of 9 digits)
<b>BEG - Beginning Segment for Purchase Order (Mandatory)</b>		
BEG01	Transaction Set Purpose Code	'00' Original
BEG02	Purchase Order Type Code	'SA' for Stand-Alone Order
BEG03	Purchase Order Number	Purchase Order Number
BEG04	empty	empty
BEG05	Date	Date in format (CCYYMMDD)
<b>CUR - Currency (Mandatory)</b>		
CUR01	Entity Identifier Code	'BY' for Buying Party
CUR02	Currency Code	'USD' for the United States 'CAD' for Canada
<b>REF - Internal Supplier Number (Optional)</b>		
REF01	Reference Identification Qualifier	'IA' for Internal Supplier Number
REF02	Reference Identification	Trading Partner ID is used as the first priority, otherwise the Dsco Supplier ID will be utilized.
<b>REF - Department Number (Mandatory)</b>		
REF01	Reference Identification Qualifier	'DP' for Internal Supplier Department Number
REF02	Reference Identification	Internal Supplier Department Number - Hard-coded to 'AB1'
<b>PER - Communications Contact (Recommended)</b>		
PER01	Contact Function Code	'OC' for Order Contact
PER02	Contact Name	Drop Ship Cust Serv
PER03	Communication Number Qualifier	'TE' for Telephone Number
PER04	Communication Number	10-digit phone number + up to 6-digit extension formatted as (XXX)XXX-XXXX XXXXXX - Hard-coded to '4178735000'
<b>DTM - Ship-By Date-Time Reference (Mandatory)</b>		
DTM01	Date/Time Qualifier	'010' for Ship No Later - When the supplier is expected to ship the order by.
DTM02	Date	Ship-By Date in format CCYYMMDD
DTM03	Time	Ship-By Time in format HHMM
<b>DTM - Delivery-By Date-Time Reference (Mandatory)</b>		
DTM01	Date/Time Qualifier	'002' for Ship No Later - When the supplier is expected to ship the order by.
DTM02	Date	Ship-By Date in format CCYYMMDD
DTM03	Time	Ship-By Time in format HHMM
<b>DTM - Cancel-If-Not-Shipped-By Date-Time Reference (Mandatory)</b>		
DTM01	Date/Time Qualifier	'001' for Cancel-If-Not-Shipped-By Date- When the supplier is expected to cancel the order if not shipped by this date.
DTM02	Date	Cancel-After Date in format CCYYMMDD
DTM03	Time	Cancel-After Time in format HHMM
<b>TD5 - Carrier Details (Mandatory)</b>		
TD501	Empty	Empty
TD502	Empty	Empty

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TD503	Empty	Empty
TD504	Empty	Empty
TD505	Routing	Hard-coded to 'Vendor Guide'. The supplier is expected to ship via the appropriate carrier and method previously agreed upon with BPS.
<b>N9 - Reference Identification (Mandatory)</b>		
N901	Reference Identification Qualifier	'AH'
N902	Reference Identification	Hard-coded to 'PO NOTE'
<b>MSG - Shipment Message(Mandatory)</b>		
MSG01	Message	Free Form Text - Will contain customer name, order date and order number. Three MSG segments will be provided in a format that looks like the following... MSG* DROP SHIP~ MSG* SOLD TO: ship_first ship_last~ MSG* 29/02/20 ORDER NUMBER 123456789 000001~
<b>N1 - Name (Mandatory)</b>		
N101	Entity Identifier Code	'ST' for Ship-To
N102	Name	Customer name that should be displayed on the package address label.
N103	Identification Code Qualifier	'92' - Assigned by Buyer or Buyer's Agent
N104	Identification Code	'909D' for direct to consumer orders. Otherwise, when any other value is provided, the order is considered to be ship-to-store and must be handled differently when shipping because suppliers must provide Dsco/BPS with an SSCC-18 label on the package and must be provided on the 856 returned to Dsco/BPS.
<b>N3 - Address Information (Mandatory)</b>		
N301	Ship-To Address Information	First address line of Ship-To that should be displayed on the package address label and packing slip.
N302	Ship-To Address Information	Second address line of Ship-To that should be displayed on the package address label and packing slip.
<b>N4 - Geographic Locations (Mandatory)</b>		
N401	Ship-To City Name	Ship-To City that should be displayed on the package address label and packing slip.
N402	Ship-To State Code	Ship-To State that should be displayed on the package address label and packing slip.
N403	Ship-To Postal Code	Ship-To Zip code excluding punctuation (hyphens) and blanks. Should be displayed on the package address label and packing slip.
N404	Ship-To Country Code	Ship-To Country code. Should be displayed on the package address label and packing slip.
<b>PER - Communications Contact (Mandatory)</b>		
PER01	Contact Function Code	'OC' for Order Contact
PER02	empty	empty
PER03	Communication Number Qualifier	'TE' for Telephone Number
PER04	Communication Number	10-digit phone number + up to 6-digit extension formatted as (XXX)XXX-XXXX XXXXXX
<b>PO1 - Baseline Item Data (Mandatory)</b>		
PO101	Assigned Identification	Line item number on the PO.
PO102	Quantity Ordered	The quantity that needs to be shipped to the customer.
PO103	Unit or Basis for Measurement	'EA' for Each
PO104	Unit Price	The expected cost of the item being ordered. Max with format: 9999.99



**Dsco Dropship EDI Specification**

		<b>Attention: The decimal place will be included.</b>
PO105	empty	empty
PO106	Product ID Qualifier	'UP' for UPC or 'EA' for EAN
PO107	Product ID	The UPC of the item, 12 characters, or the EAN of the item, 13 characters.
PO108	Product ID Qualifier	'MN' for Supplier SKU
PO109	Product ID	Supplier SKU has a limitation of 70 characters
PO110	Product ID Qualifier	'SK' for BPS SKU
PO111	Product ID	Bass Pro Shops SKU for item
PO112	Product ID Qualifier	'SZ' for Size
PO113	Product ID	Item Size
PO114	Product ID Qualifier	'CL' for Color
PO115	Product ID	Item Color
PO116	Product ID Qualifier	'TP' for Department ID
PO117	Product ID	Department ID
<b>PID - Item Personalization/Customization (Mandatory)</b>		
PID01	Item Description Type	'F' for free form, Code indicating the format of a description
PID02	Empty	Empty
PID03	Empty	Empty
PID04	Empty	Empty
PID05	Description	Item Personalization/Customization. A free-form description to clarify the related data elements and their content.
<b>P04 - Item Physical Details (Mandatory)</b>		
P0401	Pack	1 for the number of inner containers, or number of eaches if there are no inner containers, per outer container
P0402	Empty	Empty
P0403	Empty	Empty
P0404	Empty	Empty
P0405	Empty	Empty
P0406	Empty	Empty
P0407	Empty	Empty
P0408	Empty	Empty
P0409	Empty	Empty
P0410	Empty	Empty
P0411	Empty	Empty
P0412	Empty	Empty
P0413	Empty	Empty
P0414	Inner pack	1 for the number of eaches per inner container
<b>CTT - Transaction totals</b>		
CTT01	Number of Line Items	Total number of line items in the transaction set - PO1 Segment Count
CTT02	Hash Total	Sum of Total Number of Units Ordered (PO102)
<b>SE - Transaction Set Trailer (Mandatory)</b>		
SE01	Number of Included Segments	The number of segments in the transaction set including ST and SE.
SE02	Transaction Set Control Number	Must match the value in ST02.

## 5.3 Example 850

PO 202003020600131 in the example below is an example of a standard/regular order.

PO 2020030206001315 in the example below is an example of a Ship-To-Store order.

```

ISA*00*      *00*      *ZZ*DSCO      *01*082130378      *200619*1404*U*00401*000000102*0*T*>~
GS*PO*DSCO*082130378*20200619*1404*000000009*X*004010VICS~
ST*850*0025~
BEG*00*SA*202003020600131**20200229~
CUR*BY*USD~
REF*IA*123456~
REF*DP*AB1~
PER*OC*Drop Ship Cust Serv*TE*4178735000~
DTM*010*20200303~
DTM*002*20200309~
DTM*001*20200303~
TD5*****Vendor Guide~
N9*AH*PO NOTE~
MSG*   DROP SHIP~
MSG* SOLD TO: ship_first ship_last~
MSG* 29/02/20   ORDER NUMBER 321654987   000001~
N1*ST*ship_first ship_last*92*899D~
N3*ship address 1*ship_address_2~
N4*ship_city*UT*84043*US~
PER*OC**TE*801-123-1234~
PO1*1*1*EA*49.99**UP*122256777999*MN*SKU01*SK*SKU01_1
retailer_item_id_1*SZ*LARGE*CL*RED*TP*department_id_1~
PO4*1*****1~
PO1*2*2*EA*49.99**UP*122256777999*MN*SKU01*SK*SKU01_2
retailer_item_id_1*SZ*LARGE2*CL*RED2*TP*department_id_2~
PO4*1*****1~
CTT*2*3~
SE*24*0025~
ST*850*0026~
BEG*00*SA*2020030206001315**20200229~
CUR*BY*USD~
REF*IA*123456~
REF*DP*AB1~
PER*OC*Drop Ship Cust Serv*TE*4178735000~
DTM*010*20200303~
DTM*002*20200309~
DTM*001*20200303~
TD5*****Vendor Guide~
N9*AH*PO NOTE~
MSG*   DROP SHIP~
MSG* SOLD TO: ship_first ship_last~
MSG* 29/02/20   ORDER NUMBER 123456789   000001~
N1*ST*ship_first ship_last*92*010D~
N3*ship address 1*ship_address_2~
N4*ship_city*UT*84043*US~
PER*OC**TE*801-123-1234~
    
```

**Dsco Dropship EDI Specification**

PO1\*1\*1\*EA\*49.99\*\*UP\*122256777999\*MN\*SKU01\*SK\*SKU01\_1  
retailer\_item\_id\_1\*SZ\*LARGE\*CL\*RED\*TP\*department\_id\_1~  
PO4\*1\*\*\*\*\*1~  
PO1\*2\*2\*EA\*49.99\*\*UP\*122256777999\*MN\*SKU01\*SK\*SKU01\_2  
retailer\_item\_id\_1\*SZ\*LARGE2\*CL\*RED2\*TP\*department\_id\_2~  
PO4\*1\*\*\*\*\*1~  
CTT\*2\*3~  
SE\*24\*0026~  
GE\*2\*000000009~  
IEA\*1\*000000102~

## 6.0 Advance Ship Notice - EDI 856

The Advance Ship Notice (ASN or Ship Confirm) transaction originates with the Supplier, is sent to Dsco, and is then sent to BPS.

**Purpose:** To inform the customer of the tracking information they can use to track the progress of the order that has been shipped.

**Frequency:** Shipment information should be processed hourly. If hourly is not feasible, at least daily.

### 6.1 856 Segment Hierarchy

Elements with an orange background are Mandatory.

ISA	Interchange Header
GS	Group Header

#### Header

ST	Transaction Set Header
BSN	Beginning Segment for Ship Notice

#### Shipment Detail

HL	Shipment Hierarchical Level
TD5	Carrier Details
REF	Internal Supplier Number
REF	Reference
DTM	Ship Date-Time
DTM	Estimated Delivery Date-Time
N1	Ship-To Name

#### Package Detail

HL	Package Hierarchical Level
PRF	Purchase Order Reference
TD1	Carrier Details - Quantity and Weight
N1	Party Identification

#### Order Detail

HL	Order Hierarchical Level
MAN	Marks and Numbers (Carrier Tracking Numbers)

#### Line-Item Detail

HL	Line-Item Hierarchical Level
LIN	Item Identification
SN1	Shipment Item Detail

#### Trailer

CTT	Number of Line Items
SE	Transaction Set Trailer

GE	Group Trailer
IEA	Interchange Trailer

\*\* Included in exports only.

## 6.2 856 Segment Specification

Elements with an orange background are Mandatory.

Element	Name	Comment
<b>ST - Transaction Set Header (Mandatory)</b>		
ST01	Transaction Set Identifier Code	'856'
ST02	Transaction Set Control Number	A unique number that is incremented by 1 for each transaction set sent. (Maximum of 9 digits)
<b>BSN - Beginning Segment for Ship Notice (Mandatory)</b>		
BSN01	Transaction Set Purpose Code	'00' Original
BSN02	Shipment Identification	A unique control number assigned by Supplier to identify a specific shipment
BSN03	Date	Date. Format: CCYYMMDD
BSN04	Time	Time. Format: HHMM
<b>HL - Shipment Hierarchical Level (Mandatory)</b>		
HL01	Hierarchical ID Number	'1'
HL02	Hierarchical Parent ID Number	empty
HL03	Hierarchical Level Code	'S' for Shipment
<b>TD5 - Carrier Details (Mandatory)</b>		
TD501	Empty	Empty
TD502	Identification Code Qualifier	'2' for Standard Carrier Alpha Code (SCAC)
TD503	Shipping Service Level Code	Shipping Service Level Code Available service codes can be found in <b>Appendix B</b> at the end of this document.
<b>REF - Internal Supplier Number (Optional)</b>		
REF01	Reference Identification Qualifier	'CN' for Carriers Tracking Number 'BM' for Bill of Lading Number If shipping LTL or Truck, use BM and Reference Bill of Lading Number, PRO Number, Manifest Number, or Master Tracking Number. If shipping small parcel, use CN and reference the tracking number. The Appointment Number is the Load Number (BGN02) from the 754 Routing Response.
REF02	Reference Identification	Reference information
<b>DTM - Ship Date/Time (Mandatory)</b>		
DTM01	Date/Time Qualifier	'011' for Shipped Date
DTM02	Date	Date Shipped in format CCYYMMDD
DTM03	Time	Time Shipped in format HHMM
<b>DTM Estimated Delivery Date/Time (Mandatory)</b>		
DTM01	Date/Time Qualifier	'017' for Estimated Delivery
DTM02	Date	Date Shipped in format CCYYMMDD
DTM03	Time	Time Shipped in format HHMM
<b>N1 - Ship-To Name (Optional)</b>		
N101	Entity Identifier Code	'SF' for Ship From 'ST' for Ship To
N102	Name	Free-form name
N103	Identification Code Qualifier	'92' Assigned by Buyer or Buyer's Agent
N104	Identification Code	ST – Bass Pro’s Ship-To location as transmitted in the N104 850 SF – Vendor Number as transmitted in the REF02, (IA) 850
<b>HL - Order Hierarchical Level (Mandatory)</b>		

**Dsco Dropship EDI Specification**

HL01	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. For example: '2'
HL02	Hierarchical Parent ID Number	Identification number of the next hierarchical data segment that the data segment being described is subordinate to. For example: '1' (Parent is the shipment hierarchy)
HL03	Hierarchical Level Code	'O' for Order
<b>PRF - Purchase Order Reference (Mandatory)</b>		
PRF01	Purchase Order Number	BPS PO number (as found in the BEG segment of the 850 transaction)
<b>TD1 - Carrier Details - Quantity and Weight (Mandatory)</b>		
TD101	Packaging Code	'BOX' for Box 'CTN' for Carton + '25' for Corrugated or Solid
TD102	Lading Quantity	Number of units (pieces) of the lading commodity
TD103	Empty	Empty
TD104	Empty	Empty
TD105	Empty	Empty
TD106	Empty	Empty
TD107	Weight Description	The numeric value of weight
TD108	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 'LB' for Pound
<b>N1 - Party Identification (Mandatory)</b>		
N101	Entity Identifier Code	'BY' for Buying Party
N102	Name	Free-form name
N103	Identification Code Qualifier	'92' for Assigned by Buyer or Buyer's Agent
N104	Identification Code	Final Destination Store Location Number
<b>HL - Item Hierarchical Level (Mandatory)</b>		
HL01	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. For example: '3'
HL02	Hierarchical Parent ID Number	Identification number of the next hierarchical data segment that the data segment being described is subordinate to. For example: '2' (Parent in the order hierarchy)
HL03	Hierarchical Level Code	'P' for Item
<b>MAN - Marks and Numbers - SSCC Barcode - (Mandatory for ship-to-store orders)</b>		
MAN01	Marks and Numbers Qualifier	'GM' for SSCC Barcode
MAN02	Marks and Numbers	SSCC Barcode - 20-digit Container ID Code corresponding to UCC-128 barcode - Required if shipping to a BPS store location.
<b>MAN - Marks and Numbers (Mandatory) - Carrier-Assigned Package ID Number</b>		
MAN01	Marks and Numbers Qualifier	'CP' for Carrier-Assigned Package ID Number
MAN02	Marks and Numbers	Carrier's Tracking number - If small parcel, carrier tracking is required for each carton.
<b>HL - Item Hierarchical Level (Mandatory)</b>		
HL01	Hierarchical ID Number	A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. For example: '4'
HL02	Hierarchical Parent ID Number	Identification number of the next hierarchical data segment that the data segment being described is subordinate to. For example: '3' (Parent in the order hierarchy)
HL03	Hierarchical Level Code	'I' for Item
<b>LIN - Line-Item Identification (Mandatory)</b>		

**Dsco Dropship EDI Specification**

LIN01	Assigned ID	Line item number on the PO.
LIN02	Product ID Qualifier	'UP' for UPC 'EA' for EAN 'MN' for Supplier SKU
LIN03	Product ID	When the Qualifier is 'UP': Universal Product Code (UPC) 12 digits When the Qualifier is 'EN': European Article Number (EAN) 12 digits When the Qualifier is 'MN': Supplier SKU
<b>SN1 - Shipment Item Detail (Mandatory)</b>		
SN101	empty	empty
SN102	Number of Unit Shipped	Number of units shipped
SN103	Unit or Basis for Measurement	'EA' for Each
<b>CTT - Transaction totals</b>		
CTT01	Number of Line Items	The Number of HL segments present in the Transaction Set
<b>SE - Transaction Set Trailer (Mandatory)</b>		
SE01	Number of Included Segments	Number of segments in the transaction set including ST and SE.
SE02	Transaction Set Control Number	Must match value in ST02.

### 6.3 Example 856

**Direct-to-Consumer Example**

```

ISA*00*      *00*      *ZZ*DSCO      *ZZ*DSCO      *190115*1536*U*00401*000007799*0*P*>~
GS*SH*DSCO*DSCO*20190115*1536*8323*X*004010VICS~
ST*856*5003764~
BSN*00*000080119*20190115*1535~
HL*1**S~
TD5**2*FDEN~
REF*BM*211517~
DTM*011*20190115~
DTM*017*20190115~
N1*ST**92*409D~
N1*SF*Bass Pro Vendor*9*217489~
HL*2*1*O~
PRF*724201~
TD1*CTN25*6*****12.24*LB~
N1*BY**92*409D~
HL*3*2*P~
MAN*CP*trackingnumber01~
HL*4*3*I~
LIN**UP*083941050402~
SN1**72*EA~
CTT*4~
SE*20*5003764~
GE*1*8323~
IEA*1*000007799~
    
```

**Ship-To-Store Example**

```

ISA*00*      *00*      *ZZ*DSCO      *ZZ*DSCO      *190115*1536*U*00401*000007789*0*P*>~
GS*SH*DSCO*DSCO*20190115*1536*8322*X*004010VICS~
ST*856*5003763~
    
```

## Dsco Dropship EDI Specification

BSN\*00\*000080119\*20190115\*1535~  
HL\*1\*\*S~  
TD5\*\*2\*FDEN~  
REF\*BM\*211517~  
DTM\*011\*20190115~  
DTM\*017\*20190115~  
N1\*ST\*\*92\*409D~  
N1\*SF\*Bass Pro Vendor\*9\*217489~  
HL\*2\*1\*O~  
PRF\*724202~  
TD1\*CTN25\*6\*\*\*\*\*12.24\*LB~  
N1\*BY\*\*92\*409D~  
HL\*3\*2\*P~  
MAN\*CP\*trackingnumber01~  
MAN\*GM\*00123456789012345678~  
HL\*4\*3\*I~  
LIN\*\*UP\*083941050402~  
SN1\*\*72\*EA~  
CTT\*4~  
SE\*21\*5003763~  
GE\*1\*8322~  
IEA\*1\*000007789~

### LTL Example

ISA\*00\* \*00\* \*ZZ\*DSCO \*ZZ\*DSCO \*190115\*1536\*U\*00401\*000007891\*0\*P\*>~  
GS\*SH\*DSCO\*DSCO\*20190115\*1536\*8333\*X\*004010VICS~  
ST\*856\*5003777~  
BSN\*00\*000080119\*20190115\*1535~  
HL\*1\*\*S~  
TD5\*\*2\*FDEN~  
REF\*BM\*211517~  
REF\*CN\*trackingnumber01~  
DTM\*011\*20190115~  
DTM\*017\*20190115~  
N1\*ST\*\*92\*010D~  
N1\*SF\*Bass Pro Vendor\*9\*217489~  
HL\*2\*1\*O~  
PRF\*724200~  
TD1\*CTN25\*6\*\*\*\*\*12.24\*LB~  
N1\*BY\*\*92\*010D~  
HL\*3\*2\*P~  
MAN\*CP\*trackingnumber01~  
MAN\*GM\*00123456789012345678~  
HL\*4\*3\*I~  
LIN\*\*UP\*083941050402~  
SN1\*\*72\*EA~  
CTT\*4~  
SE\*22\*5003777~  
GE\*1\*8333~  
IEA\*1\*000007891~



## 7.0 Order Cancel - EDI 860

---

The Order Cancel transaction originates with the Supplier, is sent to Dsco, and is then sent to BPS.

**Purpose:** To inform the customer of order items that cannot be shipped/fulfilled and have been canceled.

**Frequency:** Order Cancel information should be processed hourly. If hourly is not feasible, at least daily.

If any line-item is canceled for 'out of stock' reason, it is expected that an 846 will be sent that sets the item to out-of-stock status (quantity = 0).

### 7.1 860 Segment Hierarchy

---

Elements with orange background are Mandatory.

ISA	Interchange Header
GS	Group Header

**Header**

ST	Transaction Set Header
BCH	Beginning Segment for Order Status Report

REF	Internal Supplier Number
REF	Order Cancellation Reason Code
DTM	Date/Time Reference
N9	Reference Identification
MSG	Message

**Line Item Detail**

POC	Line Item Change
PID	Product/Item Description

**Trailer**

CTT	Number of Line Items
SE	Transaction Set Trailer

GE	Group Trailer
IEA	Interchange Trailer

## 7.2 860 Segment Specification

Elements with orange background are Mandatory.

Element	Name	Comment
<b>ST - Transaction Set Header (Mandatory)</b>		
ST01	Transaction Set Identifier Code	'860'
ST02	Transaction Set Control Number	A unique number that is incremented by 1 for each transaction set sent. (Maximum of 9 digits)
<b>BCH - Beginning Segment for Order Status Report (Mandatory)</b>		
BCH01	Status Report Code	'01' for Cancellation
BCH02	Order/Item Code	'SA' for Stand-alone Order
BCH03	Reference Identification	BPS Purchase Order Number
BCH04	Empty	Empty
BCH05	Empty	Empty
BCH06	Date	Date (CCYYMMDD format) - Order Create Date
BCH07	Empty	Empty
BCH08	Empty	Empty
BCH09	Empty	Empty
BCH10	Empty	Empty
BCH11	Date	Date (CCYYMMDD format) - Order Cancel Date
<b>REF - Internal Supplier Number (Optional)</b>		
REF01	Reference Identification Qualifier	'IA' Internal Supplier Number
REF02	Reference Identification	Trading Partner ID is used as the first priority, otherwise, the DSCO supplier ID will be utilized
<b>REF - Internal Supplier Number (Mandatory)</b>		
REF01	Reference Identification Qualifier	'ZZ' for Mutually Defined
REF02	Reference Identification	Bass Pro Shops requires that a reason code be supplied with each cancellation message. Bass Pro Shops supports the following codes: <b>Code</b> <b>Name</b> <b>CXSS</b> Item(s) Ordered are Currently Out of Stock <b>CXSD</b> Item(s) Ordered are Currently Discontinued <b>CXSN</b> Item(s) Ordered are NOT Out of Stock, but here is not enough stock to fill the order <b>CXSB</b> The Shipping Address is Incorrect or Invalid <b>CXSI</b> Shipping Instructions are Invalid <b>CXST</b> Supplier Cannot Ship by the Required Delivery Date <b>CXSC</b> Retailer Requested the Supplier to Cancel the Item <b>CXSO</b> Reason Other
<b>DTM - Line-Item Original Quantity (Mandatory)</b>		
DTM01	Date/Time Qualifier	'001' for Cancel Date
DTM02	Date	Cancel-After Date - the date the order is considered to be cancelled - in format CCYYMMDD
<b>N9 - Notes (Optional)</b>		
N901	Reference Identification Qualifier	'AH'
N902	Note	Hard-code to 'PO NOTE'
<b>POC - Line Item Change</b>		
POC01	Empty	Empty
POC02	Change or Response Type Code	'DI' for Delete Item
POC03	Quantity Ordered	Number of items ordered
POC04	Quantity being canceled	Quantity being canceled

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POC05	Composite Unit of Measure	'EA' for Each
POC06	Price	Price of Item
POC07	Empty	Empty
POC08	Product ID Qualifier	'UP' for UPC 'EN' for EAN
POC09	Product ID	When the qualifier is 'UP': The UPC of the item, 12 digits. When the qualifier is 'EN': The EAN of the item, 13 digits.
POC10	Product ID Qualifier	'MN' for Supplier SKU
POC11	Product ID	Supplier SKU
POC12	Product ID Qualifier	'SK' for BPS SKU
POC13	Product ID	Bass Pro Shops SKU for item
<b>PID - Item Status Report (Optional)</b>		
PID01	Item Description Type	'F' for Free-Form Text
PID02	Empty	Empty
PID03	Empty	Empty
PID04	Empty	Empty
PID05	Description	Free-Form Text product description
<b>CTT - Transaction totals</b>		
CTT01	Number of Line Items	Total number of line items in the Transaction Set The Number of POC segments present in the Transaction Set
<b>SE - Transaction Set Trailer (Mandatory)</b>		
SE01	Number of Included Segments	Number of segments in the transaction set including ST and SE.
SE02	Transaction Set Control Number	Must match the value in ST02.

### 9.3 Example 860

```

ISA*00*      *00*      *ZZ*DSCO      *01*082130378      *200211*0500*U*00401*000016514*0*P*>~
GS*PC*DSCO*082130378*20200211*0500*1859*X*004010VICS~
ST*860*000135060~
BCH*01*SA*7480666***20190616*****20200208~
REF*IA*123456~
REF*ZZ*CXSS~
DTM*001*20200208~
N9*AH*PO NOTE~
POC**DI*1*1*EA*9.83**UP*123456789012~
PID*F****item description~
POC**DI*2*2*EA*9.83**EN*1234567890123~
POC**DI*3*3*EA*9.83**MN*supplier_sku~
POC**DI*4*4*EA*9.83**SK*BPS_sku~
CTT*1~
SE*13*000135060~
GE*1*1859~
IEA*1*000016514~
    
```

## 8.0 Invoice - EDI 810

The Invoice transaction originates with the Supplier, is sent to Dsco, and then is sent to BPS.

**Purpose:** To inform BPS of the cost to be paid to the Supplier for the given order.

**Frequency:** Invoice information should be processed hourly. If hourly is not feasible, at least daily.

It is up to BPS to determine whether the invoices should be transmitted for the cost of goods only or whether shipping and handling should be included. Suppliers, please check with BPS to ensure that you are invoicing properly, according to their needs. In cases where the Supplier is shipping on BPS's shipping account, no shipping or handling charges should be included on the invoice.

Payment terms are set between the BPS and Supplier. Dsco does not determine or set the payment terms.

Information provided in this transaction must be based on the 850 file sent: purchase order number, line item number, consumer order number, and supplier SKU.

It is the responsibility of BPS to contact the Supplier directly if there are any issues with the invoices that were created and delivered using Dsco.

### 8.1 810 Segment Hierarchy

Elements with an orange background are Mandatory.

ISA	Interchange Header
GS	Group Header

#### Header

ST	Transaction Set Header
BIG	Beginning Segment for Invoice
CUR	Currency
REF	Internal Supplier Number
N1	Ship-To Name
ITD	Terms of Sale

#### Line-Item Detail

IT1	Baseline Item Detail
REF	Line-item Serial Number

#### Summary

TDS	Total Monetary Value Summary
SAC	Handling or Freight Charge Amount

#### Trailer

CTT	Transaction Set Totals
SE	Transaction Set Trailer

GE	Group Trailer
IEA	Interchange Trailer

## Dsco Dropship EDI Specification

\*\* Included in exports only. These are generated by the Dsco platform so suppliers do not need to include these segments.

## 8.2 810 Segment Specification

Elements with orange background are Mandatory.

Elements with a yellow background are Recommended.

Elements with a blue background are Trading Partner Required. Check with your specific trading partner to know whether the element needs to be included.

Elements with a grey background are only found whenever DSCO exports that document and does not need to be included in any imports.

Element	Name	Comment
<b>ST - Transaction Set Header (Mandatory)</b>		
ST01	Transaction Set Identifier Code	'810'
ST02	Transaction Set Control Number	A unique number that is incremented by 1 for each transaction set sent. (Maximum of 9 digits)
<b>BIG Segment - Beginning Segment for Invoice (Mandatory)</b>		
BIG01	Invoice Date	Date invoice was generated. Format: CCYYMMDD Future dates are not valid. Should be the same as the shipment date.
BIG02	Invoice Number	Assigned by sender.
BIG03	PO Date	PO Date in format CCYYMMDD
BIG04	PO Number	PO Number
<b>REF - Internal Supplier Number (Optional)</b>		
REF01	Reference Number Qualifier	'IA' - Internal Supplier Number
REF02	Reference Number	Trading Partner ID is used as the first priority, otherwise the DSCO Supplier ID will be utilized.
<b>N1 - Ship-To Name (Optional)</b>		
N101	Entity Identifier Code	'ST' for Ship-To
N102	Name	Customer name that should be displayed on the package address label and packing slip.
N103	Identification Code Qualifier	'92' - Assigned by Buyer or Buyer's Agent
N104	Identification Code	'899D' for direct to consumer or store location for ship-to-store orders, 001D, e.g.
<b>ITD - Terms of Sale (Mandatory) Terms Net Due Date is required</b>		
ITD01	Empty	Empty
ITD02	Empty	Empty
ITD03	Empty	Empty
ITD04	Empty	Empty
ITD05	Empty	Empty
ITD06	Terms Net Due Date	The date payment of the invoice is due in full.
<b>IT1 - Baseline Item Data (Mandatory)</b>		
IT101	Assigned Identifier	Invoice line number
IT102	Quantity Invoiced	Units shipped per line item
IT103	Unit of Measurement Code	'EA' for Each
IT104	Unit Price - R 1/17	Price per unit. Format: 999.99 <b>Attention: The decimal place must be included.</b>
IT105	Empty	Empty
IT106	Product ID Qualifier	'UP' for UPC 'EN' for EAN
IT107	Product ID	When the qualifier is 'UP': The UPC of the item, 12 digits.

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		When the qualifier is 'EN': The EAN of the item, 13 digits.
IT108	Product ID Qualifier	'MN' for Supplier SKU
IT109	Product ID	Supplier SKU
<b>REF - Line-item Serial Number (Optional)</b>		
REF01	Serial Number Qualifier	SE
REF02	Serial Number	Serial Number for line-item SKU. Repeat REF*SE segment for multiple serial numbers.
<b>TDS - Total Monetary Value Summary (Mandatory)</b>		
TDS01	Total Invoice Amount	The total amount of the invoice plus all charges minus all allowances. Format: 99999 <b>Attention: The decimal place is implied and must not be included.</b>
<b>SAC – Service, Promotion, Allowance, or Charge Information (Optional)</b>		
SAC01	Allowance or Charge Indicator	'C' for Charge
SAC02	Service, Promotion, Allowance, or Charge Code	'D500' for Handling Amount Charge; 'D240' for Freight Amount Charge
SAC03	empty	empty
SAC04	empty	empty
SAC05	Amount	Handling or Freight Amount Charge on the Invoice. Format: 99999 <b>Attention: The decimal place is implied and must not be included.</b>
<b>CTT - Transaction Totals (Mandatory)</b>		
CTT01	Number of Line Items	The number of IT1 segments present in the transaction set.
<b>SE - Transaction Set Trailer (Mandatory)</b>		
SE01	Number of Included Segments	The number of segments in transaction set including ST and SE.
SE02	Transaction Set Control Number	Must match the value in ST02.

### 8.3 Example 810

```

ISA*00*      *00*      *ZZ*DSCO      *01*082130378      *230706*2140*U*00401*011543351*0*P*>~
GS*IN*DSCO*082130378*20230706*2140*000017702*X*004010VICS~
ST*810*678436~
BIG*20230706*INV5743**67458296~
REF*IA*223242~
N1*ST*DSCO*92*909D~
ITD*****20230905~
IT1*1*1*EA*605.00**UP*837654630839~
REF*SE*Serial Number~
TDS*60500~
SAC*C*D500***500~
SAC*C*D240***1295~
CTT*1~
SE*9*678436~
    
```

# Appendix A - ISA, GS, GE, and IEA

## ISA - Interchange Header

ElementID	Element Number	Name	Length	Comment
ISA01	I01	Authorization Information Qualifier	2	'00' for No authorization information present.
ISA02	I02	Authorization Information	10	Not Used
ISA03	I03	Security Information Qualifier	2	'00' for No security information present.
ISA04	I04	Security Information	10	Not Used
ISA05	I05	Interchange ID Qualifier	2	'ZZ' for Mutually defined '01' for DUNS Number
ISA06	I06	Interchange Sender ID	15	The Sender's ID If the sender is Dsco, then ID will be "DSCO" If the sender is Vendor, the ID should be the Vendor's ISA ID number.
ISA07	I05	Interchange ID Qualifier	2	'ZZ' for Mutually defined
ISA08	I07	Interchange Receiver ID	15	The Receiver's ID If the receiver is Dsco, then ID should be "DSCO"
ISA09	I08	Date	6	The date the envelope was generated. (YYMMDD)
ISA10	I09	Time	4	The time the envelope was generated. (HHMM)
ISA11	I10	Interchange Standards Identifier	1	'U' for the US. EDI Community of X12, TDCC, and UCS.
ISA12	I11	Interchange Version ID	5	'00401' for 4010
ISA13	I12	Interchange Control Number	9	Sender assigned sequential number incremented by 1 for each transmission. Default starts at 1, unless edited within the portal.
ISA14	I13	Acknowledgment Requested	1	'0' for No Interchange Acknowledgment and '1' if requested.
ISA15	I14	Test Indicator	1	'P' for Production data 'T' for Test data
ISA16	I15	Sub-element Separator	1	'>'

## GS - Group Header

ElementID	Element Number	Name	Length	Comment
GS01	479	Functional ID	2	Functional Identification Code
GS02	142	Application Sender's Code	2/15	The Sender's ID.
GS03	124	Application Receiver's Code	2/15	The Receiver's ID.
GS04	29	Data Interchange Date	8	Date Group was generated. (CCYYMMDD)
GS05	30	Data Interchange Time	4	Time Group was generated. (HHMM)
GS06	28	Data Interchange Control Number	1/9	Control number incremented by 1 for each group generated. Default starts at 1, unless edited within the portal.
GS07	455	Responsible Agency Code	1/2	'X' for Accredited Standards Committee X12.
GS08	480	Version	1/12	'004010VICS'



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### GE - Group Trailer

ElementID	Element Number	Name	Length	Comment
GE01	97	Number of Included Transaction Sets	1/6	The number of ST segments within the group.
GE02	28	Data Interchange Control Number	2/9	Must match GS06.

### IEA - Interchange Trailer

ElementID	Element Number	Name	Length	Comment
IEA01	116	Number of Included Groups	5	The number of GS segments within the transmission.
IEA02	112	Interchange Control Number	9	Must match ISA13.

## Appendix B - DSCO Standard Shipping Codes

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DSCO Standard Shipping Codes can be mapped to custom service codes within your DSCO account settings. Once mapped, DSCO will map from DSCO to your codes on exports and map to DSCO from your codes on import.

Carrier	Method	Service Code
FedEx	SameDay	FESD
FedEx	SameDay City	FSDC
FedEx	First Overnight	FEFO
FedEx	Priority Overnight	FEPO
FedEx	Standard Overnight	FESO
FedEx	2Day A.M.	F2DA
FedEx	2Day	FE2D
FedEx	Express Saver	FEES
FedEx	Ground	FECG
FedEx	Home Delivery	FEHD
FedEx	SmartPost	FESP
FedEx	International Priority	FEIP
FedEx	International Economy	FEIE
FedEx	Territory	FEDT