

**Data Integration Requirements**

**Instructions**

This form contains the Data Integration requirements for Wayfair. Included are the specifications and information necessary to establish a successful connection. To initiate the setup process, please read and verify the material contained within and complete all applicable sections of the document.

**No table of contents entries found.**

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**Contact Information**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Name** | **Phone** | **Email** |
| **Business Contact** |  |  |  |
| **EDI/Tech Contact** |  |  |  |
| **3rd Party Contact** | CartRover Support | 805-399-2278 x 2 | help@cartrover.com |

**Connectivity Options**

Please choose the method you wish to use for your connection to Wayfair by acknowledging the option box and filling in details for that selection. Wayfair has a strong preference for using a free trading option (FTP hosted, AS2 direct).

*Note: If a 3rd party is chosen, all fees associated are the sole responsibility of the trading partner*

|  |  |
| --- | --- |
| **YES** | **SFTP Direct Connection  (Recommended)** |
| Enter YES  to select | If you’d like to use a FTP connection to transfer documents back and forth, a SFTP connection needs to be established. Instructions to create a SFTP account are below:  Please ensure you are logged into your Partner Home account, prior to accessing the tool.   1. Detailed instructions on how to connect to Wayfair's SFTP for the first time, can be found in our  [About Wayfair’s SFTP Connection](https://partners.wayfair.com/help/2/article/1754) Help Center Article, https://partners.wayfair.com/help/2/article/1754 2. **Provide answers to the following "Connection Details" questions, so we can understand the connection Setup type you are requesting and can perform the initial connection setup required for testing:**    1. Which transaction format will you be using:       1. ANSI X12       2. CSV/Flat File    2. Which processes are you requesting to integrate       1. Purchase Orders       2. Order Acknowledgments       3. Advanced Shipment Notifications       4. Invoices       5. Inventory    3. If requesting an ANSI X12/EDI connection type, please provide the following EDI Connection Details (Please ensure the information provided is accurate to ensure a smooth testing process)       1. EDI Document Version Type (v4030 or v4010)       2. Production EDI Qualifier and ISA (ex. ZZ/123456789)       3. Testing EDI Qualifier and ISA (Optional)   **Please respond on this ticket, once you have 1. Successfully created your SFTP Account Setup and 2. Provided answers to the "Connection Details'' questions listed above.**  **If you are only requesting to test .CSV/Flat File Inventory, please proceed with submitting a test .CSV Inventory File via the “Inventory” Folder of your SFTP Account, and inform us on this ticket once you have submitted your test Inventory File (.CSV/Flat File Inventory Specs found in attached “Flat File DIR” document)**  Once you have completed the above actions, we will be able to proceed with testing your new SFTP Connection.  For an overview on what to expect with testing, please visit our [Wayfair EDI and Inventory Setup Help Page](https://partners.wayfair.com/help/2/article/108), <https://partners.wayfair.com/help/2/article/108> on Partner Home. |
|  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **AS2 Connection** | | | | | | |
| Enter YES  to select | Your **test** URL: |  | | | | | |
| Your **production** URL: |  | | | | | |
|  | Your IP address: |  | | | | | |
|  | Your AS2 identifier: |  | | | | | |
|  | Encryption algorithm: |  | **3DES\*** |  | DES |  | RC2/128 |
|  | Do you use HTTPS? |  | YES |  | NO | | |
|  | Do you require MDN? |  | YES |  | NO | | |
|  | If Yes, your signature algorithm: |  | **SHA1\*** |  | MD5 | | |
|  | Enter “yes” to acknowledge submission of your X.509 certificate |  | | | | | |
|  | Wayfair will set up your account and provide you with our production and test URL, along with our X.509 certificate.  Wayfair AS2 ID: 112084681 | | | | | | |

|  |  |  |
| --- | --- | --- |
|  | **3rd Party (VAN/SaaS) Connection** | |
| Enter YES to select | Company Name: |  |
|  |  |

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**Configuration**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Identifiers: | Qualifier | ISA ID |  |  |  |
| Production ISA: |  |  |  |  |  |
| Test ISA: |  |  |
| **Version:** | **CHOOSE ONE** | |
| **4010** |  | |
| **4030** |  | |
| **Wayfair EDI Configuration:** | | | | | |
| Standards: ANSI X12\*\* | | | | | |
| Versions: 4010, 4030 | | | | | |
| Test ISA – Qualifier: 01, ID: 112084681T | | | | | |
| Production ISA – Qualifier: 01, ID: 112084681 | | | | | |
| Sub-element Separator: ~ | | | | | |
| Element Separator:\* | | | | | |
| Segment Terminator: 0x0A (LF) | | | | | |
|  | | | | | |
|  | | | | | |

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**Transaction Set and Process Details**

The following list of EDI transactions are what Wayfair currently recommends for a full data integration relationship in relation to order processing. For each transaction type, a full data map is provided in the corresponding appendix listed. Please acknowledge which documents **you intend to trade on this connection with “Yes”. Make sure you review the mappings for said documents!**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Msg** | **Transaction** | **Flow** | **Status** | **Appendix** | **Acknowledge** |
| 810 | Invoice | Wayfair ß S | **Required** | E | **Yes** |
| 850 | Purchase Order | Wayfair à S | **Required** | A | **Yes (version 2018)** |
| 855 | Purchase Order Acknowledgement | Wayfair ß S | **Required** | I | x |
| 855 RFP | Purchase Request For Pick-Up | Wayfair ß S | **Optional for LTL delivery** | J | x |
| 856 | Ship Notice | Wayfair ß S | **Required** | F | **Yes** |
| 846 | Inventory | Wayfair ß S | **Recommended** | M | **Yes** |
| 997 | Functional Acknowledgement | Wayfair ßà S | **Required** |  |  |

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**Inventory Options**

Wayfair requires inventory data from its trading partners. We request updated information as frequently as possible (hourly basis during normal business hours is ideal) but only as often as inventory data is updated in your system. Please do not send duplicate inventory data intentionally. It is Wayfair’s expectation that inventory will be sent using an automated process (not created by hand each instance).

Please note:

* Inventory data that is overdue will cause products to be blocked from purchase
* Inventory data should be sent as often as it is updated in your system
* If you have multiple distribution centers, Wayfair requires data to be sent at that level

**Type**

|  |  |
| --- | --- |
| **Warehouse Management System** |  |
| Indicate the name/type of system in which you use to track your inventory levels (Ex. QuickBooks, Built In-House, etc.) | |

**Frequency**

|  |  |  |
| --- | --- | --- |
| **YES** | **Hourly** **(Strongly Recommended)** | |
|  | **Three Times Per Day** | |
|  | **Once Per Day** (Minimum Requirement) | |
|  | **Other** (Please state - must exceed once daily): | |
| Enter YES to select |  |  |
|  |  |

**Format**

|  |  |
| --- | --- |
|  | **EDI 846 Transaction** |
| Enter YES to select | Please review the data map for this EDI transaction in **Appendix M** and acknowledge that you are able to comply with its specification as stated by entering “**YES**” in the box to the left. |
|

|  |  |  |
| --- | --- | --- |
| **YES** | **Flat File Document** |  |
| Enter YES to select | Please review the structure for this text document in **Appendix N** and acknowledge that you are able to comply with its specification as stated by entering “**YES**” in the box to the left. | |
|

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**APPENDIX A – 850 Data Map**

BEG\*00\*PO Type\*PO Number\*\*PO Date

REF\*VR\*SuID\*Supplier Warehouse ZIP

REF\*2P\*Brand

PER\*IC\*Supplier Name\*FX\*Supplier Fax\*TE\*Supplier Telephone

*FOB\*Ship Method of Payment*

CTP\*\*WHL

*SAC\*A\*Code\*\*\*\*4\*Percent (repeatable)*

ITD\*01\*\*\*\*\*\*\*\*\*\*\*Terms

DTM\*Date Qualifier\*Date (repeatable)

TD5\*\*2\*SCAC\*ZZ\*Ship Speed

N9\*PSM\*\*Billing Info

N9\*TH\*Ship Account Number

*v4010: MSG\*Custom Comments (may repeat for each block of 264 characters)*

*v4030: MTX\*COM\*Custom Comments (supports up to 4096 characters)*

N1\*BT\*Bill To Name

N3\*Bill To Addr1\*Bill To Addr2

N4\*Bill To City\*Bill To State\*Bill to Zip\*Bill to Country

PER\*BJ\*BT\*TE\*Bill To Phone Number\*FX\*Bill to Fax Number\*EM\*Bill To Email

N1\*ST\*Ship To Name\*54\*Location Code

N2\*Ship To Company Name

N3\*Ship To Addr1\*Ship To Addr2

N4\*Ship To City\*Ship To State\*Ship To Zip\*Ship To Country\*ZN\*R/C

PER\*DC\*ST\*TE\*Ship To Phone Number\*FX\*Ship To Fax Number\*EM\*Ship To Email

N1\*Z7\*\*54\*ID

N1\*LW\*Customer Name

N3\*Customer Addr1\*Customer Addr2

N4\*Customer City\*Customer State\*Customer Zip\*Customer Country

PO1\*Product Number\*Quantity\*EA\*Cost\*Price Code\*Part Number Qualifier\*Part Number

PID\*F\*\*\*\*Product Name

*REF\*QK\*Event Name\*Event End Date*

*SAC\*N\*I530*

*v4010: MSG\*Custom Comments (may repeat for each block of 264 characters)*

*v4030: MTX\*COM\*Custom Comments (supports up to 4096 characters)*

CTT\*Total Number of Line Items

AMT\*GV\*Total Cost

**NOTES:**

* SAC at item may be omitted
* FOB segment only applies to stocking purchase orders.
* N1\*ST loop includes the address to which order should be shipped, while the N1\*LW loop includes Customer information to be listed on the packing slip
* REF at item will appear for Joss & Main events (if applicable).

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| BEG  ***Max Use: 1*** | BEG01 | Transaction Set Purpose Code | 00 = Original | 2/2 | M |
| BEG02 | Purchase Order Type Code | DS = Dropship  CO = Stocking  PR = Promo  OS = Container  RC = Retailer Pre-Commitment | 2/2 | M |
| M |
| BEG03 | Purchase Order Number | Unique number for this purchase order | 1/22 | M |
| BEG05 | Date | Date this purchase order was created - CCYYMMDD | 8/8 | M |
| REF  ***Max Use: 1/2*** | REF01 | Reference ID Qualifier | VR = Vendor ID Number | 2/3 | M |
| REF02 | Reference ID | Vendor ID Number | 1/30 | M |
| REF03 | Description | Warehouse Zip Code | 1/80 | M |
| REF  ***Max Use: 2/2*** | REF01 | Reference ID Qualifier | 2P = Wayfair Subdivision Identifier | 1/30 | M |
| REF02 | Reference ID | Wayfair Brand (Wayfair, Joss and Main, Dwell Studio, Birch Lane, All Modern etc..) | 1/80 | M |
| PER  ***Max Use: 1*** | PER01 | Contact Function Code | IC = Information Contact | 2/2 | M |
| PER02 | Name | Name of supplier to fill this purchase order | 1/60 | M |
| PER03 | Communication Number Qualifier | FX = Fax | 2/2 | M |
| PER04 | Communication Number | Supplier fax number | 1/80 | M |
| PER05 | Communication Number Qualifier | TE = Telephone | 2/2 | M |
| PER06 | Communication Number | Supplier phone number | 180 | M |
| FOB  ***Max Use: 1*** | FOB01 | Shipment - Method of Payment | PP = Prepaid by shipper  PC = Prepaid  TP = Third party | 2/2 | O |
|  |
| CTP  ***Max Use: 1*** | CTP02 | Price Identifier Code | WHL = Wholesale | 3/3 | M |
| SAC  ***Max Use: 1*** | SAC01 | Allowance or Charge Indicator | A = Allowance | 1/1 | M |
| SAC02 | Code | Allowance code | 4/4 | M |
| SAC06 | Percent Qualifier | 4 = Discount/Net | 1/1 | M |
| SAC07 | Percent | Percent indicated on this allowance (eg .02 = 2%) | 1/6 | M |
| ITD  ***Max Use: 1*** | ITD01 | Terms Type Code | 01 = Basic | 2/2 | M |
| ITD12 | Description | Terms | 1/80 | M |
| DTM  ***Max Use: 10*** | DTM01 | Date/Time Qualifier | 037 = Ship Not Before (BEG02 = CO, OS only)  038 = Ship No Later  010 = Register Shipment By | 3/3 | M |
| M |
| DTM02 | Date | Date - CCYYMMDD | 8/8 | M |
| TD5  ***Max Use: 1*** | TD502 | Identification Code Qualifier | 2 = SCAC | 1/2 | M |
| TD503 | Identification Code | Standard Carrier Alpha Code (SCAC) | 2/80 | M |
| TD504 | Identification Code Qualifier | ZZ = Mutually Defined | 1/2 | M |
| TD505 | Transportation Method | Speed of this shipment (Ship Speed) | 1/35 | M |
| N9  ***Max Use: 1/2*** | N901 | Reference ID Qualifier | PSM = Credit Card | 2/3 | M |
| N903 | Description | Billing Information | 1/45 | M |
| N9  ***Max Use: 1/2*** | N901 | Reference ID Qualifier | TH = Transportation Account Code | 2/3 | M |
| N902 | Reference ID | Shipping Account Number | 1/45 | M |
| MSG (v4010 only)  ***Max Use: 30*** | MSG01 | Comments | Custom Comments (may repeat for each block of 264 characters) | 1/264 | O |
| MTX (v4030 only)  ***Max Use: >1*** | MTX01 | Note Reference Code | COM = Consumer Comments | 3/3 | O |
| MTX02 | Message Text | Custom Comments (supports up to 4096 characters) | 1/4096 | O |
| N1  ***Max Use: 1/4*** | N101 | Entry Code Qualifier | BT = Bill To | 2/3 | M |
| N102 | Bill To Name | Entity to be billed for this order | 1/60 | M |
| N3  ***Max Use: 1/3*** | N301 | Bill To Address 1 | Address line 1 of entity to be billed | 1/55 | M |
| N302 | Bill To Address 2 | Address like 2 of entity to be billed | 1/55 | M |
| N4  ***Max Use: 1/3*** | N401 | Bill To City | City of entity to be billed | 2/30 | M |
| N402 | Bill To State | State of entity to be billed | 2/2 | M |
| N403 | Bill To Zip | Zip code of entity to be billed | 3/15 | M |
| N404 | Bill To Country | Country of entity to be billed | 2/3 | M |
| PER  ***Max Use: 1/2*** | PER01 | Contact Function Code | BJ = Operations | 2/2 | M |
| PER02 | Name | BT = Bill To | 1/60 | M |
| PER03 | Communication Number Qualifier | TE = Telephone | 2/2 | M |
| PER04 | Communication Number | Phone number of entity being billed | 1/80 | M |
| PER05 | Communication Number Qualifier | FX = Facsimile | 2/2 | M |
| PER06 | Communication Number | Fax of entity being billed | 1/80 | M |
| PER07 | Communication Number Qualifier | EM = Email | 2/2 | M |
| PER08 | Communication Number | Email of entity being billed | 1/80 | M |
| N1  ***Max Use: 2/4*** | N101 | Entry Code Qualifier | ST = Ship To | 2/3 | M |
| N102 | Ship To Name | Entity receiving the package(s) | 1/60 | M |
| N103 | Identification Code Qualifier | 54 = Warehouse | 1/2 | M |
| N104 | Identification Code | Warehouse Identification Code | 2/80 | M |
| N2  ***Max Use: 1*** | N201 | Additional Name Information | Ship To Company Name | 1/60 | O |
| N3  ***Max Use: 2/3*** | N301 | Ship To Address 1 | Address line 1 of entity receiving the package(s) | 1/55 | M |
| N302 | Ship To Address 2 | Address line 2 of entity receiving the package(s) | 1/55 | M |
| N4  ***Max Use: 2/3*** | N401 | Ship To City | City of entity shipping the package(s) | 2/30 | M |
| N402 | Ship To State | State of entity shipping the package(s) | 2/2 | M |
| N403 | Ship To Zip | Zip code of entity shipping the package(s) | 3/15 | M |
| N404 | Ship To Country | Country of entity shipping the package(s) | 2/3 | M |
| N405 | Location Qualifier | ZN = Zone Code | 1/2 | M |
| N406 | Zone Code | R = Residential  C = Commercial | 1/30 | M |
| PER  ***Max Use: 2/2*** | PER01 | Contact Function Code | DC = Delivery Contact | 2/2 | M |
| PER02 | Name | ST = Ship To | 1/60 | M |
| PER03 | Communication Number Qualifier | TE = Telephone | 2/2 | M |
| PER04 | Communication Number | Phone number of entity receiving purchase order | 1/80 | M |
| PER05 | Communication Number Qualifier | FX = Facsimile | 2/2 | M |
| PER06 | Communication Number | Fax of entity receiving purchase order | 1/80 | M |
| PER07 | Communication Number Qualifier | EM = Email | 2/2 | M |
| PER08 | Communication Number | Email of entity receiving purchase order | 1/80 | M |
| N1  ***Max Use: 3/4*** | N101 | Entry Code Qualifier | Z7 = Mark-for Party | 2/3 | O |
| N103 | Identification Code Qualifier | 54 = Warehouse | 1/2 | O |
| N104 | Identification Code | Warehouse Identification Code | 2/80 | M |
| N1  ***Max Use: 4/4*** | N101 | Entry Code Qualifier | LW = Customer | 2/3 | M |
| N102 | Customer Name | Entity to be listed as recipient on packing slip | 1/60 | M |
| N3  ***Max Use: 3/3*** | N301 | Customer Address 1 | Address line 1 to be included on packing slip | 1/55 | M |
| N302 | Customer Address 2 | Address line 2 to be included on packing slip | 1/55 | M |
| N4  ***Max Use: 3/3*** | N401 | Customer City | City to be included on packing slip | 2/30 | M |
| N402 | Customer State | State to be included on packing slip | 2/2 | M |
| N403 | Customer Zip | Zip code to be included on packing slip | 3/15 | M |
| N404 | Customer Country | Country to be included on packing slip | 2/3 | M |
| Begin Repeatable Detail Segment – Loop Max: 100,000 | | | | | |
| PO1  ***Max Use: 1*** | PO101 | Assigned ID | Line Item Number | 1/20 | M |
| PO102 | Quantity Ordered | Quantity Ordered | 1/15 | M |
| PO103 | Unit of Measurement | EA = Each | 2/2 | M |
| PO104 | Unit Price | Cost | 1/17 | M |
| PO105 | Unit Price Code | WH = Wholesale  PR = Promo | 2/2 | M |
| PO106 | Product ID Qualifier | VN = Vendor Part Number | 2/2 | M |
| PO107 | Product ID | Vendor Part Number | 1/48 | M |
| PID  ***Max Use: 1*** | PID01 | Item Description Type | F = Free Form | 1/1 | M |
| PID05 | Description | Product Name | 1/80 | M |
| REF  ***Max Use: > 1*** | REF01 | Reference ID Qualifier | QK = Sales Program Number | 2/3 | O |
| REF02 | Reference ID | Sales Event Name | 1/30 | O |
| REF03 | Description | Sales Event **End** Date | 1/80 | O |
| SAC  ***Max Use: 1*** | SAC01 | Item Description Type | N = No Allowance or Charge | 1/1 | O |
| SAC02 | Description | I530 = Volume Rebate | 4/4 | O |
| MSG (v4010 only)  ***Max Use: 30*** | MSG01 | Comments | Custom Comments (may repeat for each block of 264 characters) | 1/264 | O |
| MTX (v4030 only)  ***Max Use: >1*** | MTX01 | Note Reference Code | COM = Consumer Comments | 3/3 | O |
| MTX02 | Message Text | Custom Comments (supports up to 4096 characters) | 1/4096 | O |
| End Repeatable Detail Segment | | | | | |
| CTT  ***Max Use: 1*** | CTT01 | Number of Line Items | Total number of line items that appear in this document | 1/6 | M |
| AMT  ***Max Use: 1*** | AMT01 | Amount Qualifier Code | GV = Gross Value | 1/3 | M |
| AMT02 | Monetary Amount | Total expected cost for this purchase order | 1/18 | M |

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**APPENDIX B – 850 Data Map w/ Advanced Shipping Detail**

Segments listed in **bold red** are **unique** to Advanced Shipping Detail.

BEG\*00\*PO Type\*PO Number\*\*PO Date

REF\*VR\*SuID\*Supplier Warehouse ZIP

REF\*2P\*Brand

PER\*IC\*Supplier Name\*FX\*Supplier Fax\*TE\*Supplier Telephone

*FOB\*Ship Method of Payment*

CTP\*\*WHL

*SAC\*A\*Code\*\*\*\*4\*Percent (repeatable)*

ITD\*01\*\*\*\*\*\*\*\*\*\*\*Terms

DTM\*Date Qualifier\*Date (repeatable)

TD5\*\*2\*SCAC\*ZZ\*Ship Speed

N9\*PSM\*\*Billing Info

N9\*TH\*Ship Account Number

*v4010: MSG\*Custom Comments (may repeat for each block of 264 characters)*

*v4030: MTX\*COM\*Custom Comments (supports up to 4096 characters)*

N1\*BT\*Bill To Name

N3\*Bill To Addr1\*Bill To Addr2

N4\*Bill To City\*Bill To State\*Bill to Zip\*Bill to Country

PER\*BJ\*BT\*TE\*Bill To Phone Number\*FX\*Bill to Fax Number\*EM\*Bill To Email

**N1\*OC\*Pool Point ID\*ZZ\*Pool Point Short Name**

**N1\*IK\*Cross Dock ID\*ZZ\*Cross Dock Short Name**

**N1\*DC\*Delivery Agent ID\*ZZ\*Delivery Agent Short Name**

**N1\*DZ\*Delivery Agent Zone**

N1\*ST\*Ship To Name\*54\*Location Code

N2\*Ship To Company Name

N3\*Ship To Addr1\*Ship To Addr2

N4\*Ship To City\*Ship To State\*Ship To Zip\*Ship To Country\*ZN\*R/C

PER\*DC\*ST\*TE\*Ship To Phone Number\*FX\*Ship To Fax Number\*EM\*Ship To Email

N1\*Z7\*\*54\*ID

N1\*LW\*Customer Name

N3\*Customer Addr1\*Customer Addr2

N4\*Customer City\*Customer State\*Customer Zip\*Customer Country

PO1\*Product Number\*Quantity\*EA\*Cost\*Price Code\*Part Number Qualifier\*Part Number

PID\*F\*\*\*\*Product Name

*REF\*QK\*Event Name\*Event End Date*

*SAC\*N\*I530*

*v4010: MSG\*Custom Comments (may repeat for each block of 264 characters)*

*v4030: MTX\*COM\*Custom Comments (supports up to 4096 characters)*

CTT\*Total Number of Line Items

AMT\*GV\*Total Cost

**Additional Segment Details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Segment** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** |
| N1 | N101 | Entry Code Qualifier | OC = Pool Point (Origin Carrier) | 2/3 |
| N102 | Identification Code | Pool Point (Origin Carrier) ID | 1/60 |
| N103 | Entry Qualifier Code | ZZ = Mutually Defined | 1/2 |
| N104 | Identification Code | Pool Point Short Name | 2/80 |
| N1 | N101 | Entry Code Qualifier | IK = Cross Dock (Intermediate Carrier) | 2/3 |
| N102 | Identification Code | Cross Dock (Intermediate Carrier) ID | 1/60 |
| N103 | Entry Code Qualifier | ZZ = Mutually Defined | 1/2 |
| N104 | Identification Code | Cross Dock Short Name | 2/80 |
| N1 | N101 | Entry Code Qualifier | DC = Delivery Agent (Destination Carrier) | 2/3 |
| N102 | Identification Code | Delivery Agent (Destination Carrier) ID | 1/60 |
| N103 | Entry Code Qualifier | ZZ = Mutually Defined | 1/2 |
| N104 | Identification Code | Delivery Agent Short Name | 2/80 |
| N1 | N101 | Entry Code Qualifier | DZ = Delivery Agent Zone (Service Agent Zone) | 2/3 |
| N102 | Identification Code | Delivery Agent Zone (Service Agent Zone) | 1/60 |

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**APPENDIX E – 810 Data Map**

Segments in **bold red** are **mandatory**

**BIG\*Invoice Date\*Invoice Number\*PO Date\*PO Number\*\*\*Transaction Type**

CUR\*SE\*Currency

REF\*CO\*Order Number

REF\*CN\*Tracking Number

**REF\*VR\*SuID**\*Warehouse ZIP

**PER\*IC\*Supplier Name\*TE\*Supplier Phone\*FX\*Supplier Fax**

**N1\*ST\*Ship To Name**\*54\*Warehouse ID

**N3\*Ship to Addr1**\*Ship to Addr2

**N4\*Ship to City\*Ship to State\*Ship to Zip\*Ship To Country**\*ZN**\***R/C

PER\*DC\*\*TE\*Ship to Phone\*\*\*EM\*Ship to Email

ITD\*Terms Type Code\*\*\*Terms Discount Due Date\*\*Terms Net Due Date\*\*\*\*\*\*Terms

**DTM\*011\*Ship Date**

MEA\*WT\*WT\*Ship Weight

**IT1\*\*Quantity\*EA\*Unit Price\*\*VN\*Supplier Product ID**

**PID\*F\*\*\*\*Product Name**

**TDS\*Total Invoice Cost**

CAD\*\*\*\*\*Ship Carrier

**SAC\*Charge Qualifier\*Charge Code\*\*\*Charge Amount**

**NOTES:**

* We will be unable to process invoices if the total cost is not accounted for in specified segments
  + Please view SAC segment codes for typical charges
* IT104 is not a decimal implied field
* IT107 must match PO107 that was transmitted on the 850
* TDS01 is a decimal implied field
* SAC05 is a decimal implied field

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment/Loop Max** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| BIG  ***Max Use: 1*** | BIG01 | Date | The date for this invoice as CCYYMMDD | 8/8 | M |
| BIG02 | Invoice Number | This invoice number assigned by Vendor | 1/22 | M |
| BIG03 | Date | The date of the purchase order being invoiced | 8/8 | M |
| BIG04 | Purchase Order Number | The purchase order number assigned by Wayfair | 1/22 | M |
| BIG07 | Transaction Type Code | DI = Debit Invoice CR = Credit | 2/2 | M |
| CUR  ***Max Use: 1*** | CUR01 | Entity ID Code | SE = Selling Party | 2/3 | M |
| CUR02 | Currency Code | Currency of this invoice | 3/3 | M |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | CO = Customer Order Number | 2/3 | O |
| REF02 | Reference Identification | Order number for this invoice | 1/30 |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | CN = Carrier Reference Number | 2/3 | O |
| REF02 | Reference Identification | Tracking number associated with items shipped | 1/30 |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | VR = Vendor ID Number | 2/3 | M |
| REF02 | Reference ID | Vendor ID Number | 1/30 |
| REF03 | Description | Warehouse Zip code | 1/80 | O |
| PER  ***Use: 1/3*** | PER01 | Contact Function Code | IC = Information Contact | 2/2 | M |
| PER02 | Name | Vendor Name | 1/60 | M |
| PER03 | Communication Number Qualifier | TE = Telephone | 2/2 | M |
| PER04 | Communication Number | Phone number of entity to be billed | 1/80 | M |
| PER05 | Communication Number Qualifier | FX = Fax | 2/2 | M |
| PER06 | Communication Number | Fax number of entity to be billed | 1/80 | M |
| N1  ***Max Use: 1*** | N101 | Entry Code Qualifier | ST = Ship To | 2/3 | M |
| N102 | Ship To Name | Entity receiving the package(s) | 1/60 | M |
| N103 | Identification Code Qualifier | 54 = Warehouse | 1/2 | O |
| N104 | Identification Code | Warehouse Identification Code | 2/80 | O |
| N3  ***Max Use: 1*** | N301 | Ship To Address 1 | Address line 1 of entity receiving the package(s) | 1/55 | O |
| N302 | Ship To Address 2 | Address line 2 of entity receiving the package(s) | 1/55 | O |
| N4  ***Max Use: 1*** | N401 | Ship To City | City of entity shipping the package(s) | 2/30 | M |
| N402 | Ship To State | State of entity shipping the package(s) | 2/2 | M |
| N403 | Ship To Zip | Zip code of entity shipping the package(s) | 3/15 | M |
| N404 | Ship To Country | Country of entity shipping the package(s) | 2/3 | M |
| N405 | Location Qualifier | ZN = Zone Code | 1/2 | O |
| N406 | Zone Code | R = Residential C = Commercial | 1/30 | O |
| PER  ***Use: 2/3*** | PER01 | Contact Function Code | DC = Delivery Contact | 2/2 | O |
| PER02 | Name | ST = Ship To | 1/30 | O |
| PER03 | Communication Number Qualifier | TE = Telephone | 2/2 | O |
| PER04 | Communication Number | Phone number of entity receiving purchase order | 1/80 | O |
| PER05 | Communication Number Qualifier | FX = Fax | 2/2 | O |
| PER06 | Communication Number | Fax of entity receiving purchase order | 1/80 | O |
| PER07 | Communication Number Qualifier | EM = Email | 2/2 | O |
| PER08 | Communication Number | Email of entity receiving purchase order | 1/80 | O |
| ITD  ***Max Use: 1*** | ITD01 | Terms Type Code | Type of terms offered on this invoice | 2/2 | O |
| ITD04 | Terms Discount Due Date | Due date for this invoice to be paid to receive earl payment discount | 8/8 | O |
| ITD06 | Terms Net Due Date | Due date for this invoice to be paid before being considered in default | 8/8 | O |
| ITD12 | Description | Terms | 1/80 | O |
| DTM  ***Max Use: 1*** | DTM01 | Date/Time Qualifier | 011 = Ship date | 3/3 | M |
| DTM02 | Date | Date this shipment began as CCYYMMDD | 8/8 | M |
| MEA  ***Max Use: 1*** | MEA01 | Measurement Reference ID Code | WT = Weight | 2/2 | O |
| MEA02 | Measurement Qualifier | WT = Weight | 1/3 | O |
| MEA03 | Measurement Value | Total weight of shipment | 1/20 | O |
| Begin Repeatable Detail Segment – Loop Max: 200,000 | | | | | |
| IT1  ***Max Use: 1*** | IT102 | Quantity Invoiced | Quantity for this line item | 1/10 | M |
| IT103 | Unit Measurement Code | EA = Each | 2/2 | M |
| IT104 | Unit Price | Price Per Unit | 1/17 | M |
| IT106 | Product ID Qualifier | VN = Vendor Number | 2/2 | M |
| IT107 | Product ID | Vendor Part Number | 1/48 | M |
| PID  ***Max Use: 1*** | PID01 | Item Description Type | F = Free Form | 1/1 | M |
| PID05 | Description | Product Name | 1/80 | M |
| End Repeatable Detail Segment | | | | | |
| TDS  ***Max Use: 1*** | TDS01 | Total Invoice Cost | Total Amount being invoiced | 1/15 | M |
| CAD  ***Max Use: 1*** | CAD05 | Ship Carrier | Carrier transporting this shipment | 1/35 | O |
| Begin Repeatable Detail Segment – Loop Max: 25 | | | | | |
| SAC  ***Max Use: 1*** | SAC01 | Allowance of Charge Indicator | C = Charge A = Allowance | 1/1 | M |
| SAC02 | Code | D240 = Freight D500 = Handling C000 = Defective Allowance F800 = Promotional Allowance H750 = Tax B720 = Advertising allowance C540 = Early Buy Allowance F670 = Price and Marketing Allowance G470 = Restocking Charge | 4/4 | M |
| SAC05 | Amount | Amount | 1/15 | M |
| End Repeatable Detail Segment | | | | | |

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**APPENDIX F – 856 ASN Data Map**

Segments listed in **bold red** are **mandatory**

**BSN\*Transaction Set Purpose\*Shipment ID\*Date of Document\*Time of Document\*0001**

**HL\*1\*\*S**

**TD1\*CTN\*Total Packages\*\*\*\*\*Total Weight (in pounds)\*LB\*Cube Size\*CF**

**TD5\*\*2\*SCAC\*ZZ\*Ship Speed**

**REF\*2I\*Tracking Number/PRO**

REF\*BM\*BOL Number

**DTM\*011\*Ship Date**

**N1\*SF\*Ship From Name**

**N3\*Ship From Addr1\*Ship From Addr2**

**N4\*Ship From City\*Ship From State\*Ship From Zip\*Ship From Country**

**N1\*ST\*Ship To Name**\*54\*Warehouse ID

**N3\*Ship To Addr1\*Ship To Addr2**

**N4\*Ship To City\*Ship To State\*Ship To Zip\*Ship To Country**\*ZN\*Zone Code

**HL\*2\*1\*O**

**PRF\*Purchase Order Number**

**REF\*VR\*Vendor ID**\*Warehouse ZIP

HL\*3\*2\*P

TD1\*\*\*N\*NMFC #\*\*\*Total Weight\*LB

REF\*ACD\*Freight Class

MAN\*CP \*Tracking Number

MAN\*GM\*UCC-128/GS1-128

**HL\*4\*3\*I**

**LIN\*\*VN\*Supplier’s Part Number**

**SN1\*\*Number of Units Shipped\*EA**

**CTT\*Total Number of Items**

**NOTES:**

* TD107 is not a decimal implied field
* LIN03 must match PO107 on the 850
* Small Parcel Shipments
  + MAN02 is recommended for package tracking
  + REF02 may be left blank if MAN02 is included
  + REF02 must be used if MAN02 tracking is not available
* LTL/Truck Load/White Glove
  + REF02 (2I) is used for PRO/Reference/Waybill
  + MAN01 = GM
  + MAN02 = UCC-128 (GS1-128) Package Identification

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment Loop** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| BSN  ***Max Use: 1*** | BSN01 | Transaction Set Purpose | 00 = Tracking Notice 05 = Replacement Parts | 2/2 | M |
| BSN02 | Shipment ID | Unique identifier for this shipment | 2/30 | M |
| BSN03 | Date of Document | Date this document was current | 8/8 | M |
| BSN04 | Time of Document | Time this document was current | 4/8 | M |
| BSN05 | Hierarchical Structure | 0001 = Shipment, Order, Pack, Item  0002 = Shipment, Order, Item, Pack | 4/4 | M |
| HL  ***Max Use: 1*** | HL01 | Hierarchical ID | Hierarchical level 1 | 1/12 | M |
| HL03 | Hierarchical Level Code | S = Shipment | 1/2 | M |
| TD1  ***Max Use: 1*** | TD101 | Packaging Code | CTN = Carton | 3/5 | M |
| TD102 | Lading Quantity | Total number of packages in this shipment | 1/7 | M |
| TD107 | Weight | Total weight for all packages in this shipment | 1/10 | M |
| TD108 | Unit of Measurement | LB = Pound | 2/2 | M |
| TD109 | Volume | Total cube size for all packages in this shipment | 1/8 | M |
| TD110 | Unit of Measurement | CF = Cubic Feet | 2/2 | M |
| TD5  ***Max Use: 1*** | TD502 | Identification Code Qualifier | 2 = SCAC | 1/2 | M |
| TD503 | Identification Code | Standard Carrier Alpha Code (SCAC) | 2/80 | M |
| TD504 | Identification Code Qualifier | ZZ = Mutually Defined | 1/2 | M |
| TD505 | Transportation Method | Speed of this shipment (Ship Speed) | 1/35 | M |
| REF  ***Max Use: >1*** | REF01 | Reference ID Qualifier | 2I - tracking Number | 2/3 | M |
| REF02 | Reference Identification | Tracking Number/PRO | 1/30 | M |
| REF  ***Max Use: >1*** | REF01 | Reference ID Qualifier | BM = Bill of lading number | 2/3 | O |
| REF02 | Reference Identification | Bill of Lading Number | 1/30 | O |
| DTM  ***Max Use: 1*** | DTM01 | Date/Time Qualifier | 011 = Ship date | 3/3 | M |
| DTM02 | Date | Date this shipment began - YYYYMMDD | 8/8 | M |
| N1  ***Use: 1/2*** | N101 | Entry Code Qualifier | SF = Ship From | 2/3 | M |
| N102 | Ship From Name | Entity shipping the package(s) | 1/60 | M |
| N3  ***Use: 1/2*** | N301 | Ship From Address 1 | Address line 1 of entity shipping the package(s) | 1/55 | M |
| N302 | Ship From Address 2 | Address line 2 of entity shipping the package(s) | 1/55 | M |
| N4  ***Use: 1/2*** | N401 | Ship From City | City of entity shipping the package(s) | 2/30 | M |
| N402 | Ship From State | State of entity shipping the package(s) | 2/2 | M |
| N403 | Ship From Zip | Zip code of entity shipping the package(s) | 3/15 | M |
| N404 | Ship From Country | Country of entity shipping the package(s) | 2/3 | M |
| N1  ***Use: 2/2*** | N101 | Entry Code Qualifier | ST = Ship To | 2/3 | M |
| N102 | Ship To Name | Entity receiving the package(s) | 1/60 | M |
| N103 | Identification Code Qualifier | 54 = Warehouse | 1/2 | O |
| N104 | Identification Code | Warehouse Identification Code | 2/80 | O |
| N3  ***Use: 2/2*** | N301 | Ship To Address 1 | Address line 1 of entity receiving the package(s) | 1/55 | M |
| N302 | Ship To Address 2 | Address line 2 of entity receiving the package(s) | 1/55 | M |
| N4  ***Use: 2/2*** | N401 | Ship To City | City of entity shipping the package(s) | 2/30 | M |
| N402 | Ship To State | State of entity shipping the package(s) | 2/2 | M |
| N403 | Ship To Zip | Zip code of entity shipping the package(s) | 3/15 | M |
| N404 | Ship To Country | Country of entity shipping the package(s) | 2/3 | M |
| N405 | Location Qualifier | ZN = Zone Code | 1/2 | O |
| N406 | Zone Code | R = Residential C = Commercial | 1/30 | O |
| HL  ***Max Use: 1*** | HL01 | Hierarchical ID | 2 = Hierarchical ID 2 | 1/12 | M |
| HL02 | Hierarchical Parent ID | 1 = Parent ID 1 | 1/12 | M |
| HL03 | Hierarchical Level Code | O = Order | 1/2 | M |
| PRF  ***Max Use: 1*** | PRF01 | Purchase Order Number | Purchase order number of this document | 1/22 | M |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | VR = Vendor ID Number | 2/3 | M |
| REF02 | Reference Identification | Vendor ID Number | 1/30 | M |
| REF03 | Description | Warehouse Zip code | 1/80 | O |
| Begin Repeatable Detail Segment - Loop Repeat: 200,000 | | | | | |
| HL  ***Max Use: 1*** | HL01 | Hierarchical ID | 3 = Hierarchical ID 3 | 1/12 | O |
| HL02 | Hierarchical Parent ID | 2 = Parent ID 2 | 1/12 | O |
| HL03 | Hierarchical Level Code | P = Pack | 1/2 | O |
| TD1  ***Max Use: 1*** | TD103 | Commodity Code Qualifier | N = National Motor Freight Class | 1/1 | O |
| TD104 | Commodity Code | NMFC # | 1/30 | O |
| TD107 | Total Weight | Total weight of items on this purchase order | 1/10 | O |
| TD108 | Weight Qualifier | LB = Pound | 2/2 | O |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | ACD = Class Code | 2/3 | O |
| REF02 | Reference Identification | Freight Class | 1/30 | O |
| MAN  ***Max Use: 1/2*** | MAN01 | MAN Qualifier | CP = Carrier-assigned Package ID (Tracking Number) | 1/2 | O |
| MAN02 | Tracking # | Tracking associated with this shipment | 1/48 | O |
| MAN  ***Max Use: 2/2*** | MAN01 | MAN Qualifier | GM = SSCC18 and application identifier (UCC) | 1/2 | O |
| MAN02 | UCC | UCC associated with this shipment | 1/48 | O |
| Begin Repeatable Detail Segment - Loop Repeat: 200,000 | | | | | |
| HL  ***Max Use: 1*** | HL01 | Hierarchical ID | 4 = Hierarchical ID 4 | 1/12 | M |
| HL02 | Hierarchical Parent ID | 3 = Parent ID 3 | 1/12 | M |
| HL03 | Hierarchical Level Code | I = Item | 1/2 | M |
| LIN  ***Max Use: 1*** | LIN02 | Product Qualifier | VN = Vendor Part Number | 2/2 | M |
| LIN03 | Product ID | Vendor Part Number | 1/48 | M |
| SN1  ***Max Use: 1*** | SN102 | Number of Units Shipped | Number of units shipped | 1/10 | M |
| SN103 | Unit Measurement Code | EA = Each | 2/2 | M |
| End Repeatable Detail Segment | | | | | |
| CTT  ***Max Use: 1*** | CTT01 | Number of Line Items | Total number of line items that appear in this document | 1/6 | M |

**NOTE: SHIP SPEED REFERENCE** **& CARRIER CODE REFERENCE ARE PROVIDED IN A SEPARATE DOCUMENT**

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**APPENDIX I – 855 Data Map**

Segments listed in **red bold** font are **mandatory**

**BAK\*Transaction set code\*ACK Type\*PO Number\*PO Date**

**REF\*VR\*SuID**\*Warehouse ZIP

**N1\*ST\*Ship To Name**\*54\*Warehouse ID

**N3\*Ship To Addr1**\*Ship To Addr2

**N4\*Ship To City\*Ship To State\*Ship To Zip\*Ship To Country**\*ZN\*Zone Code

**PO1\*Product Number\*Quantity\*EA\*Unit Price\*\*VN\*Vendor Part Number**

TD5\*\*2\*SCAC\*ZZ\*Ship Speed

**ACK\*Line Item Status Code\*Quantity\*EA\*Shipment ETA Code\*ETA Date\*\***DV\*Location**\*VO\*Vendor Order Number**

**CTT\*Total Number of Items**

**AMT\*GV\*Total Cost**

**NOTES:**

* PO104 is not a decimal implied field
* PO107 must match PO107 on the 850

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment Loop** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| BAK  ***Max Use: 1*** | BAK01 | Transaction Set Purpose Code | Transaction Set Purpose Code | 2/2 | Y |
| BAK02 | Acknowledgement Type | Acknowledgement Type | 2/2 | Y |
| BAK03 | Purchase Order Number | The purchase order referenced by this document | 1/22 | Y |
| BAK04 | Date | The date this document was created | 8/8 | Y |
| REF  ***Max Use: 1*** | REF01 | Reference ID Qualifier | VR = Vendor ID Number | 2/3 | Y |
| REF02 | Reference ID | Vendor ID Number | 1/30 | Y |
| REF03 | Description | Warehouse Zip code | 1/80 | Y |
| N1  ***Max Use: 1*** | N101 | Entry Code Qualifier | ST = Ship To | 2/3 | Y |
| N102 | Ship To Name | Entity receiving the package(s) | 1/60 | Y |
| N103 | Identification Code Qualifier | 54 = Warehouse | 1/2 | N |
| N104 | Identification Code | Warehouse Identification Code | 2/80 | N |
| N3  ***Max Use: 1*** | N301 | Ship To Address 1 | Address line 1 of entity receiving the package(s) | 1/55 | Y |
| N302 | Ship To Address 2 | Address line 2 of entity receiving the package(s) | 1/55 | N |
| N4  ***Max Use: 1*** | N401 | Ship To City | City of entity shipping the package(s) | 2/30 | Y |
| N402 | Ship To State | State of entity shipping the package(s) | 2/2 | Y |
| N403 | Ship To Zip | Zip code of entity shipping the package(s) | 3/15 | Y |
| N404 | Ship To Country | Country of entity shipping the package(s) | 2/3 | Y |
| N405 | Location Qualifier | ZN = Zone Code | 1/2 | N |
| N406 | Zone Code | R = Residential C = Commercial | 1/30 | N |
| Begin Repeatable Detail Segment – Loop Max: 100,000 | | | | | |
| PO1  ***Max Use: 1*** | PO101 | Assigned ID | Line Item Number | 1/20 | Y |
| PO102 | Quantity Ordered | Quantity Ordered | 1/15 | Y |
| PO103 | Unit of Measurement | EA = Each | 2/2 | Y |
| PO104 | Unit Price | Cost | 1/17 | Y |
| PO106 | Product ID Qualifier | VN = Vendor Part Number | 2/2 | Y |
| PO107 | Product ID | Vendor Part Number | 1/48 | Y |
| TD5  ***Max Use: 1*** | TD502 | Identification Code Qualifier | 2 = SCAC | 1/2 | N |
| TD503 | Identification Code | Standard Carrier Alpha Code (SCAC) | 2/80 | N |
| TD504 | Identification Code Qualifier | ZZ = Mutually Defined | 1/2 | N |
| TD505 | Transportation Method | Speed of this shipment (Ship Speed) | 1/35 | N |
| ACK  ***Max Use: 1*** | ACK01 | Line Item Status Code | Item Status \*(*please see below for accepted status codes*) | 2/2 | Y |
| ACK02 | Quantity | Quantity of items | 1/15 | Y |
| ACK03 | Unit of Measurement Code | EA = Each | 2/2 | Y |
| ACK04 | Date Qualifier | Date Qualifier | 3/3 | Y |
| ACK05 | Date | Scheduled date | 8/8 | Y |
| ACK07 | Product ID Qualifier | DV = Location Code | 2/2 | N |
| ACK08 | Product ID | Warehouse Location | 1/48 | N |
| ACK09 | Product ID Qualifier | Vendor's Order Number | 2/2 | Y |
| ACK10 | Product ID | Order Number | 1/48 | Y |
| End Repeatable Detail Segment | | | | | |
| CTT  ***Max Use: 1*** | CTT01 | Number of Line Items | Total number of line items that appear in this document | 1/6 | Y |
| AMT  ***Max Use: 1*** | AMT01 | Amount Qualifier Code | GV = Gross Value | 1/3 | Y |
| AMT02 | Monetary Amount | Total expect cost for this purchase order | 1/18 | Y |

\***Accepted ACK01 Codes** (The codes in **bold red** font have automated and/or review processes in place to address potential order concerns for our customers):

|  |  |  |
| --- | --- | --- |
| ACK | AA | Item Accepted – Order Forwarded to Alternate Supplier Location |
| **AC** | **Item Accepted and Shipped** |
| AD | Acknowledge – With Detail, No Change |
| AR | Item Accepted and Released for Shipment |
| BP | Item Accepted – Partial Shipment, Balance Backordered |
| DR | Item Accepted – Date Rescheduled |
| ED | Invalid Code |
| **IA** | **Item Accepted** |
| IB | Item Backordered (This will automatically reset the ‘ship by date’ and alert the customer to a delay with the order) |
| IC | Item Accepted – Changes Made |
| ID | Item Deleted (This will cancel the order immediately in our system) |
| IH | Item On Hold |
| IP | Item Accepted – Price Change |
| IQ | Item Accepted – Quantity Changed |
| IR | Item Rejected (This will cancel the order immediately in our system) |
| IS | Item Accepted – Substitution Made |
| IU | Invalid Code |
| R1 | Item Rejected, Not a Contract Item |
| R2 | Item Rejected, Invalid Item Product Number |
| R3 | Item Rejeceted, Invalid Unit of Issue |
| R4 | Item Rejected, Contract Item Not Available (This will cancel the order immediately in our system) |

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**Appendix J - 855 RFP Data Map (Optional)**

Segments listed in **bold red** are **mandatory**

**BAK\*Transaction set code\*ACK Type\*PO Number\*PO Date**

**REF\*VR\*SuID\***Warehouse Zip

REF\*BM\*BOL Number

TD5\*\*2\*SCAC\*ZZ\*Ship Speed

**N1\*SF\*Ship From Name**

**N3\*Ship From Addr1**\*Ship From Addr2

**N4\*Ship From City\*Ship From State\*Warehouse Zip (SF)\*Ship From Country\***

**N1\*ST\*Ship To Name**\*54\*Warehouse ID

**N3\*Ship To Addr1\***Ship To Addr2

**N4\*Ship To City\*Ship To State\*Ship To Zip\*Ship To Country**\*ZN\*Zone Code

**TD1\*CTN\*Total Packages\*\*\*\*\*Total Weight (Pounds)\*LB**

**PO1\*Product Number\*Quantity\*EA\*Unit Price\*\*VN\*Vendor Part Number**

TD1\*CTN\*Carton Count\*\*\*\*\*Carton Weight (Pounds)\*LB

**ACK\*Line Item Status Code\*Quantity\*EA\*Shipment ETA Code\*ETA Date**\*\*DV\*Location\*VO\*Vendor Order Number

**CTT\*Total Number of Items**

AMT\*GV\*Total Cost

**NOTES:**

* PO104 is not a decimal implied field
* PO107 must match PO107 on the 850
* BAK01 must be **50**
* ACK04 must be **118**
* ACK05 **must** be the date you request pickup

|  |  |  |  |
| --- | --- | --- | --- |
| **Segment** | **Element** | **Field** | **Description** |
| BAK | BAK01 | Transaction Set Purpose Code | 50 = Register |
| BAK02 | Acknowledgement Type | Acknowledgement Type |
| BAK03 | Purchase Order Number | The purchase order referenced by this document |
| BAK04 | Date | The date this document was created |
| REF | REF01 | Reference ID Qualifier | VR = Vendor ID Number |
| REF02 | Reference ID | Vendor ID Number |
| REF03 | Description | Warehouse Zip code |
| REF | REF01 | Reference ID Qualifier | BM = Bill of lading number |
| REF02 | Reference Identification | Bill of Lading Number |
| TD5 | TD502 | Identification Code Qualifier | 2 = SCAC |
| TD503 | Identification Code | Standard Carrier Alpha Code (SCAC) |
| TD504 | Identification Code Qualifier | ZZ = Mutually Defined |
| TD505 | Transportation Method | Shipment Speed |
| N1 | N101 | Entry Code Qualifier | SF = Ship From |
| N102 | Ship From Name | Entity shipping the package(s) |
| N3 | N301 | Ship From Address 1 | Address line 1 of entity shipping the package(s) |
| N302 | Ship From Address 2 | Address line 2 of entity shipping the package(s) |
| N4 | N401 | Ship From City | City of entity shipping the package(s) |
| N402 | Ship From State | State of entity shipping the package(s) |
| N403 | Ship From Zip | Zip code of entity shipping the package(s) |
| N404 | Ship From Country | Country of entity shipping the package(s) |
| N1 | N101 | Entry Code Qualifier | ST = Ship To |
| N102 | Ship To Name | Entity receiving the package(s) |

|  |  |  |  |
| --- | --- | --- | --- |
|  | N103 | Identification Code Qualifier | 54 = Warehouse |
| N104 | Identification Code | Warehouse Identification Code |
| N3 | N301 | Ship To Address 1 | Address line 1 of entity receiving the package(s) |
| N302 | Ship To Address 2 | Address line 2 of entity receiving the package(s) |
| N4 | N401 | Ship To City | City of entity receiving the package(s) |
| N402 | Ship To State | State of entity receiving the package(s) |
| N403 | Ship To Zip | Zip code of entity receiving the package(s) |
| N404 | Ship To Country | Country of entity receiving the package(s) |
| N405 | Location Qualifier | ZN = Zone Code |
| N406 | Zone Code | R = Residential C = Commercial |
| TD1 | TD101 | Qualifier | Always ‘CTN’ |
| TD102 | Total Packages | Total Number of packages in this shipment |
| TD107 | Total Weight | Total weight for all the packages in this shipment |
| TD108 | Qualifier | Always ‘LB’ |
| Begin Repeatable Detail Segment | | | |
| PO1 | PO101 | Assigned ID | Line Item Number |
| PO102 | Quantity Ordered | Quantity Ordered |
| PO103 | Unit of Measurement | EA = Each |
| PO104 | Unit Price | Cost |
| PO106 | Product ID Qualifier | VN = Vendor Part Number |
| PO107 | Product ID | Vendor Part Number |
| TD1 | TD101 | Qualifier | Always ‘CTN’ |
| TD102 | Item Carton Count | Total cartons for the line item |
| TD107 | Carton Weight | Carton weight |
| TD108 | Qualifier | Always ‘LB’ |
| ACK | ACK01 | Line Item Status Code | Item Status |
| ACK02 | Quantity | Quantity of items |
| ACK03 | Unit of Measurement Code | EA = Each |
| ACK04 | Date Qualifier | 118 = Request for Pickup |
| ACK05 | Date | Ready for Pickup Date |
| ACK07 | Product ID Qualifier | DV = Location Code |
| ACK08 | Product ID | Warehouse Location |
| ACK09 | Product ID Qualifier | Vendor's Order Number |
| ACK10 | Product ID | Order Number |
| End Repeatable Detail Segment | | | |
| CTT | CTT01 | Number of Line Items | Total number of line items that appear in this document |
| AMT | AMT01 | Amount Qualifier Code | GV = Gross Value |
| AMT02 | Monetary Amount | Total expect cost for this purchase order |

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**APPENDIX M – 846 Data Map**

Segments listed in **bold red** are **mandatory**

**BIA\*00\*SI\*Reference ID\*Date**

**LIN\*\*Prod Qualifier\*Product Number\*DP\*Discontinued Status\*ZZ\*SuID**

**QTY\*33\*Quantity\*EA**

SCH\*Quantity on Order\*EA\*\*\*169\*Next Availability Date

**NOTES:**

* If capable, the SCH is preferred if QTY02 = 0
* Your LIN07 ID(s) will be provided to you
* If BIA01 should be 00 unless a difference file is used, in which case, 04 should be used

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| BIA  ***Max Use: 1*** | BIA01 | Transaction Set Purpose Code | 00 = Original 04 = Change | 2/2 | M |
| BIA02 | Report Type Code | SI = Seller Inventory Report | 2/2 | M |
| BIA03 | Reference ID | Reference ID for this document | 1/30 | M |
| BIA04 | Date | Date this document was current | 8/8 | M |
| BIA05 | Time | Time this document was current | 4/8 | O |
| Begin Repeatable Detail Segment – Loop Max: 10,000 | | | | | |
| LIN  ***Max Use: 1*** | LIN02 | Product ID Qualifier | VN = Vendor Product Number | 2/2 | M |
| LIN03 | Product ID | Product or UPC Number | 1/48 | M |
| LIN04 | Product ID Qualifier | DP = Discontinued Product Number | 2/2 | M |
| LIN05 | Product ID | Y = Item Discontinued N = Item Not Discontinued | 1/48 | M |
| LIN06 | Product ID Qualifier | ZZ = Mutually Defined | 2/2 | M |
| LIN07 | Product ID | Vendor ID | 1/48 | M |
| QTY  ***Max Use: 1*** | QTY01 | Quantity Qualifier | 33 = Stocked Inventory | 2/2 | M |
| QTY02 | Quantity | Quantity available to ship | 1/15 | M |
| QTY03 | Composite Unit of Measure | EA = Each | 2/2 | M |
| SCH  ***Max Use: 1*** | SCH01 | Quantity | Quantity on Order | 1/15 | O |
| SCH02 | Unit of Measurement Code | EA = Each | 2/2 | O |
| SCH05 | Date/Time Qualifier | 169 = Product Availability Date | 3/3 | O |
| SCH06 | Date | Date the product is available | 8/8 | O |
| End Repeatable Detail Segment | | | | | |

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**APPENDIX N – 997 Functional Acknowledgement Format Specification**

Segments listed in **bold red** are **mandatory**

**AK1\*Functional Identifier Code\*Group Control Number**

**AK2\*Transaction Set Identifier Code\*Transaction Set Control Number**

**AK5\*Transaction Set Acknowledgement Code**

**AK9\*Functional Group Acknowledge Code\*Number of Transaction Sets Included\*Number of Received Transaction Sets\* Number of Accepted Transaction Sets**

**Segment Details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Segment** | **Element** | **Field** | **Description** | **Char. Limit (Min/Max)** | **Required?** |
| AK1  *Functional Group Response Header* | AK01 | Functional Identifier Code | PO = Purchase Order | 2/2 | M |
| AK02 | Group Control Number | Group Control Number sent on Purchase Order | 1/9 | M |
| Begin Repeatable Segment | | | | | |
| AK2  *Transaction Set Response Header* | AK01 | Transaction Set Identifier Code | 850 = Purchase Order | 3/3 | M |
| AK02 | Transaction Set Control Number | Transaction Set Control Number sent on Purchase Order | 4/9 | M |
| AK5  *Transaction Set Purpose Response Trailer* | AK01 | Transaction Set Acknowledgement Code | A = Accepted | 1/1 | M |
| End Repeatable Detail Segment | | | | | |
| AK9  *Functional Group Response Trailer* | AK01 | Functional Group Acknowledge Code | A = Accepted | 1/1 | M |
| AK02 | Number of Transaction Sets Included | Number of Purchase Orders sent under one group control number | 1/6 | M |
| AK03 | Number of Received Transaction Sets | Number of Received Transaction Sets | 1/6 | M |
| AK04 | Number of Accepted Transaction Sets | Number of Accepted Transaction Sets | 1/6 | M |

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**APPENDIX O – INVENTORY FLAT FILE Format Specification**

**[--Item Detail--] (repeatable)**

**Column 0 – Supplier ID/DCID (Ex. 120)**

**Column 1 - Item Number**

**Column 2 - Item Quantity On Hand**

**Column 3 - Item Quantity Backordered**

**Column 4 - Item Quantity On Order**

**Column 5 – Item Next Availability Date**

**Column 6 – Item Discontinued (Either 1 or 0, where 1 is discontinued and 0 is not discontinued)**

**Column 7 - Item Name (limit of 200 characters)**

**IMPORTANT:**

* It is Wayfair’s expectation that inventory files sent via flat file will be created by an automated process (not hand-made).
* File specification:
  + Element delimiter: Pipe  ( | )
  + Line Delimiter: Carriage-return-line-feed (0x0d0a (CRLF))
* Please include empty columns for optional data you do not wish to provide (i.e., you should *always* be sending 8 columns, but columns may contain blanks for optional fields. Please see example set below.)
* We use the pipe ( | ) character as a delimiter. If this character appears in the product information you’ll be sending, this will cause problems. Please either remove these characters, or contact us about an alternative solution.
* Please keep the header in the file.
* Please remove all punctuation from the file - quotation marks, apostrophes, anomalous characters.

**Examples:**

**120|123|100|50|300|12/2/2008|0|Pedestal Table**

**120|456|200|10|350|12/2/2008|0|Lemon Barstool**

**120|567|150|15|375|12/2/2008|1 |Night Stand**

**120| 567 |150|||||Night Stand**

**120| 567 | 150 ||||||**