

Receipt Confirmation

Flat File Layout

Warehouse Stock Transfer Receipt Advice

Version 2

1. Introduction

The Warehouse Stock Transfer Receipt Advice is used to advice the trading partner that the shipment was confirmed as received. It allows the trading partner to reconcile received quantities with shipment quantities.

The Warehouse Stock Transfer Receipt Advice Flat File will be attached to the inbound flow of the program DIFP. The WarehouseLogic EDI document (944 Transaction Set) is set up in the program DOCU in order to be accessed by the program DIFP.

Accessing the programs PRRM and PRRE will generate the Warehouse Stock Transfer Receipt Advice Flat File. The WarehouseLogic Auto-doc functionality allows generating Stock Transfer Receipt Advice Flat File automatically.

The Warehouse Stock Transfer Receipt Advice Flat File must be generated during the outbound flow process or canceled by using the program RERE.

In order to regenerate Warehouse Stock Transfer Receipt Advice, the document could be re-queued by accessing program RERE.

The Warehouse Stock Transfer Receipt Advice Flat File will report Receipt Details for every Detail Line of a WarehouseLogic Receipt.

**Dynamic Mode**

This dynamic mode configure from ‘Depositor Alternate Sort’ program (DEAS) by using the Alternate Customer Reporting Type ‘944’. This ‘Alternate Reporting Type’ is to be setup under CUST program, with Alternate Reporting Code’ that indicates the inventory levels to be retrieve and summarize.

These are some Samples of the ‘Alternate Reporting Code’. The users can use any combination of the Inventory Entities for the 944 to retrieve these entities in a dynamic mode

EDI\_944\_LEV1\_3 Retrieving and summarize by Item code and inventory level 3.

EDI\_944\_LEV1\_2 Retrieving and summarize by Item code and inventory level 2.

EDI\_944\_LEV2 Retrieving and summarize by inventory level 2 only.

EDI\_944\_LEV1\_2\_3 Retrieving and summarize by Item code, level 2 and level 3.

EDI\_944\_LEV1\_4 Retrieving and summarize by Item code and level 4.

The dynamic mode of the “Receipt Confirmation” allows the user to configure the way of retrieving the inventory levels in the detail lines of 944 flat file.

**Outbound File Name Configuration**

The outbound directory and file prefix are defined in DOCU program.

In order to include Company and Customer Code into file name the DOCU suffix field should be populated with C-C value.

1. Outbound Flat File Layout

|  |  |  |
| --- | --- | --- |
| **Record ID** | **Description** | **Required /Optional** |
| PARTNER | Customer Code to be sent | R |
| SET | Transaction Set Number | R |
| ROUTE | Customer Code to be sent | R |
| COMPANY | Company Code | R |
| BEGIN | Identifier | R |
| 1020 | Warehouse Order Identification | R |
| 1040 | Entity Name | R  **N1 Loop** |
| 1060 | Address | O |
| 1070 | Geographic Location | O |
| 1090 | Reference Identification | O |
| 1110 | Date/Time | O |
| 1130 | Receipt Carrier Detail | O |
| 1140 | Probe Temperature | O |
| 1150 | Pallet Information | O |
| 2020 | Warehouse Item Detail | R (at least one record is required)  **W07Loop** |
| 2030 | Line Item Detail – Description | O |
| 2040 | Reference Identification | O |
| 2050 | Line Item Detail – Miscellaneous | O  **W13 Loop** |
| 2070 | Item Detail Exceptions | O |
| 3010 | Total Shipment Information | R |
| END | Identifier | R |

1. File Segments

**Header Record**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| PARTNER | X(8) | 1 | R | Identify the Record ‘PARTNER’ |
| PARTNER | X(10) | 9 | R | Identify the PARTNER ID   1. Check Customer EDI Partner ID field 2. If the above not populated use Customer Reference field (first 10 characters) 3. If the above not populated use Customer Code |
| SET | X(3) | 1 | R | Identify the Record ‘SET’ |
| SET | X(3) | 9 | R | Transaction Set ID ‘944’ |
| ROUTE | X(8) | 1 | R | Identify the Record ‘ROUTE’ |
| ROUTE | X(10) | 9 | R | Customer Code in A1 3PL |
| COMPANY | X(8) | 1 | R | Identify the Record ‘COMPANY’ |
| COMPANY | X(2) | 9 | R | Company Code in A1 3PL |
| BEGIN | X(5) | 1 | R | Identify Record |

Detail Records

‘1020’ Warehouse Receipt Identification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1020 |
| Reporting Code | X(1) | 5 | R | Reporting Code  F – Full Detail |
| Date of Receipt | X(8) | 6 | O | Receipt Date  Format ‘CCYYMMDD’ |
| Warehouse Receipt Number | X12) | 14 | R | Warehouse Receipt Number |
| Depositor Order Number | X(22) | 26 | O | Receipt Reference Number |
| Shipment Identification | X(30) | 48 | O | Receipt Pro-Bill Number |
| Time Qualifier | X(2) | 78 | O | Not Used |
| Time | X(8) | 80 | O | Not Used |
| Master Reference | X(22) | 88 | O | Receipt Alternate Reference 1 |
| Link Sequence Number | X(8) | 110 | O | Receipt Alternate Reference 2 |
| Filler | X(383) | 118 | O | Filler – blanks |

‘1040’ Warehouse Name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1040 |
| Entity ID Code | X(3) | 5 | R | Organization ID Code  ‘WH’ – Warehouse |
| Name | X(60) | 8 | R | Company Name |
| ID Type | X(2) | 68 | O | ID Type  ‘91’ – Assigned by Seller or Seller’s Agent |
| Entity Code | X(80) | 70 | O | Company External Reference Number |
| Filler | X(351) | 150 | O |  |

**‘1040’ Depositor Name**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1040 |
| Entity ID Code | X(3) | 5 | R | Organization ID Code  ‘DE’ – Depositor |
| Name | X(60) | 8 | R | WarehouseLogic Customer Name |
| ID Type | X(2) | 68 | O | ID Type  ‘91’ – Assigned by Seller or Seller’s Agent |
| Entity Code | X(80) | 70 | O | Customer External Reference Number |
| Filler | X(351) | 150 | O |  |

**‘1040’ Shipper Name**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1040 |
| Entity ID Code | X(3) | 5 | R | Organization ID Code  ‘SF’ -- Ship From |
| Name | X(60) | 8 | R | Shipper Name |
| ID Type | X(2) | 68 | O | ID Type  ‘91’ – Assigned by Seller or Seller’s Agent |
| Entity Code | X(80) | 70 | O | Shipper Identification Number supplied on 943 transaction Set |
| Filler | X(351) | 150 | O |  |

‘1060’ Address

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1060 |
| Address | X(55) | 5 | O | Shipper Address 1 |
| Address | X(55) | 60 | O | Shipper Address 2 |
| Filler | X(386) | 115 | O |  |

‘1070’ Geographic Location

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1070 |
| City | X(30) | 5 | O | Shipper City Name |
| State | X(2) | 35 | O | Shipper State Code |
| Postal/Zip | X(15) | 37 | O | Shipper Postal Code |
| Country | X(3) | 52 | O | Country Code |
| Location Qualifier | X(2) | 55 | O | Not used |
| Location | X(30) | 57 | O | Not used |
| State Extended | X(4) | 87 | O | State Code |
| Filler | X(410) | 91 | O |  |

‘1090’ Reference Identification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1090 |
| Qualifier | X(3) | 5 | O | Reference Qualifier  Any qualifiers acceptable |
| Reference ID | X(30) | 8 | O | EDI Data |
| Reference Description | X(45) | 38 | O | EDI Data |
| Filler | X(418) | 83 | O |  |

‘1110’ Date and Time

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1110 |
| Qualifier | X(2) | 5 | R | Date Qualifier  ‘11’ – Shipped on this Date. |
| Date | X(8) | 7 | R | Receipt Confirmation Date – ‘CCYYMMDD’ |
| Filler | X(486) | 15 | O |  |

**‘1130’ Receipt Carrier Information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1130 |
| Transportation Method | X(2) | 5 | R | Transportation Method Code.  Values:  ‘M’ – Motor;  ‘H’ – Customer Pick Up;  ‘U’ – UPS Carrier. |
| SCAC | X(4) | 7 | R | Standard Carrier Alpha Code.  Default Value – ‘0000’. |
| Routing | X(35) | 11 | R | Carrier Name |
| Equipment Initial | X(4) | 46 | O | Carrier Power Unit Number |
| Equipment Number | X(10) | 50 | O | Carrier Unit Number |
| Seal Number | X(15) | 60 | O | Seal 1 |
| Seal Number | X(15) | 75 | O | Seal 2 |
| Seal Status Code | X(2) | 90 | O | Reserved for Future |
| Unit Load Option Code | X(2) | 92 | O | Reserved for Future |
| Filler | X(407) | 94 | O |  |

‘1140’ Probe Temperature

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1140 |
| Temperature Probe Location Code | X(2) | 5 | O | Reserved for Future |
| Temperature | X(6) | 7 | O | Temperature |
| Filler | X(488) | 13 | O |  |

‘1150’ Pallet Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  1150 |
| Quantity of Pallets Received | X(5) | 5 | O | Quantity of Pallets Received |
| Quantity of Pallets Shipped or Exchanged | X(5) | 10 | O | Quantity of Pallets Shipped or Exchanged |
| Filler | X(486) | 16 | O |  |

**‘2020’ Item Detail for Stock Receipt**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2020 |
| Quantity Received | X(9) | 5 | R | Quantity Received |
| Unit of Measurement Code | X(2) | 14 | R | Unit of Measurement Code |
| UPC Case Code | X(12) | 16 | O | UPC Case Code |
| Product ID Qualifier | X(2) | 28 | R | Product ID Qualifier VN |
| Product ID | X(48) | 30 | R | Item Code |
| Product ID Qualifier | X(2) | 78 | O | Product ID Qualifier ‘PD’ |
| Product ID | X(48) | 80 | O | Inventory Level 3 |
| Lot Number | X(12) | 128 | O | First 12 Characters of Inventory Level 2 |
| Warehouse Detail Adjustment Identifier | X(1) | 140 | O | Not Used |
| Product ID Qualifier | X(2) | 141 | O | Product ID Qualifier ‘ZZ’ |
| Product ID | X(48) | 143 | O | Inventory Level 4 |
| Reason Code | X(4) | 191 | O | Reason Code |
| Filler | X(306) | 195 | O |  |

‘2030’ Line Item Detail - Description

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2030 |
| Product Description | X(45) | 5 | R | Item Description |
| Description 2 | X(40) | 50 | O | Inventory Level 2 Description |
| Description 3 | X(40) | 90 | O | Inventory Level 3 Description |
| Description 4 | X(40) | 130 | O | Inventory Level 4 Description |
| Item Description 2 | X(60) | 170 | O | Item Description 2 |
| Filler | X(271) | 230 | O |  |

‘2040’ Reference Identification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2040 |
| Qualifier | X(3) | 5 | O | Reference Qualifier  Any qualifiers acceptable |
| Reference ID | X(30) | 8 | O | EDI Data |
| Reference Description | X(45) | 38 | O | EDI Data |
| Filler | X(418) | 83 | O |  |

‘2050’ Line Item Detail - Miscellaneous

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2050 |
| Filler | X(20) | 5 | O |  |
| Weight | X(12) | 25 | R | Gross Weight |
| Weight Qualifier | X(2) | 37 | R | ‘U’ |
| Weight Unit Code | X(1) | 39 | R | ‘L’ – Pounds; |
| Filler | X(461) | 40 | O |  |

‘2070’ Detail Exception Information (Hold)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2070 |
| Quantity | X(17) | 5 | R | Quantity on Hold |
| Unit Of Measure | X(2) | 22 | R | Unit of Measure |
| Receiving Conditions | X(2) | 24 | R | ‘01’ – Product on Hold |
| Lot Number | X(12) | 26 | O | First 12 characters of the Inventory Level 2 |
| Damage Reason Code | X(2) | 38 | O | Value ‘NR’ |
| Filler | X(461) | 40 | O |  |

‘2070’ Detail Exception Information (Short)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2070 |
| Quantity | X(17) | 5 | R | Quantity Short |
| Unit Of Measure | X(2) | 22 | R | Unit of Measure |
| Receiving Conditions | X(2) | 24 | R | ‘02’ – Quantity Short |
| Lot Number | X(12) | 26 | O | First 12 characters of the Inventory Level 2 |
| Damage Reason Code | X(2) | 38 | O | Value ‘NR’ |
| Filler | X(461) | 40 | O |  |

‘2070’ Detail Exception Information (Over)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type  2070 |
| Quantity | X(17) | 5 | R | Quantity Over |
| Unit Of Measure | X(2) | 22 | R | Unit of Measure |
| Receiving Conditions | X(2) | 24 | R | ‘03’ – Quantity Over |
| Lot Number | X(12) | 26 | O | First 12 characters of the Inventory Level 2 |
| Damage Reason Code | X(2) | 38 | O | Value ‘NR’ |
| Filler | X(461) | 40 | O |  |

‘3010’ Total Receipt Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  Position | **Required/ Optional** | **Description** |
| Record Type | X(4) | 1 | R | Record Type 3010 |
| Quantity Received | X(9) | 5 | R | Quantity Received |
| Quantity Shipped | X(12) | 14 | R | Quantity Shipped |
| Quantity on Hold | X(11) | 26 | O | Quantity on Hold |
| Filler | X(464) | 37 | O |  |

**END Record**

**‘END’ Transaction Set Trailer**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Field Business Name** | **Field**  **Length** | **Starting**  **Position** | **Required/ Optional** | **Description** |
| END | X(3) | 1 | R | END |

1. EDI Mapping and Business Logic

|  |  |  |  |
| --- | --- | --- | --- |
| D4 EDI Data | Description | DEDP Route Case Code | Business Logic |
| Header | | | |
| EDI Segment W17 / Segment ID 1020 | | | |
| 1020.W17.01 | Reporting Code | E37.60.1 | The value is defaulted to ‘F’ |
| 1020.W17.02 | Date of Receipt | E37.60.130 | Receipt Date |
| 1020.W17.03 | Warehouse Receipt Number | E37.60.3 | WarehouseLogic Receipt Number |
| 1020.W17.04 | Depositor Order Number | E37.60.4 | Receipt Reference Number |
| 1020.W17.05 | Shipment Identification | E37.60.37 | Receipt Pro-Bill Number |
| EDI Segment N1 / Segment ID 1040 | | | |
| 1040.N1.00 | Warehouse Information | E37.60.266 | WarehouseLogic Company Information including:  Qualifier ‘WH’  Company Name  Qualifier ‘91’  Company External Reference Number |
|
|
|
| EDI Segment N1 / Segment ID 1040 | | | |
| 1040.N1.00 | Depositor Information | E37.60.266 | WarehouseLogic Customer Information including:  Qualifier ‘DE’  Customer Name  Qualifier ‘91’  Customer External Reference Number |
|
|
|
| EDI Segment N1 / Segment ID 1040 | | | |
| 1040.N1.01 | Organization ID Code | E37.60.11 | Value ‘SF’ |
| 1040.N1.02 | Entity Name | E37.60.12 | Shipper Name |
| 1040.N1.03 | Identification ID Qualifier | E37.60.51 | Value ‘91’ |
| 1040.N1.04 | Identification ID | E37.60.39 | Reference sent on 943 transaction set, segment N1, N1.01 qualifier ‘SF’. The value contains in the element N1.04 |
| EDI Segment N3 / Segment ID 1060 | | | |
| 1060.N3.01 | Address | E37.60.14 | Shipper Address Line 1 |
| 1060.N3.02 | Address | E37.60.15 | Shipper Address Line 2 |
| EDI Segment N4 / Segment ID 1070 | | | |
| 1070.N4.01 | City | E37.60.16 | Shipper City |
| 1070.N4.02 | State or Province | E37.60.17 | Shipper State or Province |
| 1070.N4.03 | Postal Code | E37.60.18 | Shipper Postal or Zip Code |
| EDI Segment G62 / Segment ID 1110 | | | |
| 1110.G62.01 | Date Qualifier | E37.60.185 | Value ‘11’ |
| 1110.G62.02 | Date | E37.60.139 | Receipt Confirmation Date |
| EDI Segment W08 / Segment ID 1130 | | | |
| 1130.W08.01 | Transportation Method | E37.60.19 | Transportation Method  The transportation Method will be determined using Carrier Name:  Customer Pick Up – ‘H’  UPS – ‘U’  Other – ‘M’ |
| 1130.W08.02 | SCAC | E37.60.20 | Standard Carrier Alpha Code attached to a Carrier associated with WarehouseLogic Order  If there is no carrier the value of SCAC will be defaulted to ‘0000’ |
| 1130.W08.03 | Routing | E37.60.21 | Carrier Name |
| Detail Information | | | |
| EDI Segment W07 / Segment ID 2020  The W07 Segment will be created for each Receipt Line | | | |
| 2020.W07.01 | Quantity Received | E37.65.1 | Quantity Received in lowest SKU |
| 2020.W07.02 | SKU Code | E37.65.2 | Lowest SKU Code for the Product Quantity Breakdown. It will converted from a value into EDI standard using the conversion cross-reference file “SKU\_CONV\_FILE” |
| 2020.W07.04 | Product ID Qualifier | E37.65.10 | Value ‘VN’ |
| 2020.W07.05 | Product ID | E37.65.5 | Inventory Level 1 / Item Code |
| 2020.W07.06 | Product ID Qualifier | E37.65.183 | Value ‘PD’ |
| 2020.W07.07 | Product ID | E37.65.159 | Inventory Level 3 |
| 2020.W07.08 | Lot Number | E37.65.15 | Inventory Level 2 |
| 2020.W07.10 | Product ID Qualifier | E37.65.9 | Value ‘ZZ’ |
| 2020.W07.11 | Product ID | E37.65.175 | Inventory Level 4 |
| 2020.W07.12 | Reason Code | New case code | Reason Code |
| EDI Segment G69 / Segment ID 2030 | | | |
| 2020.W07.23G69 | Description | E37.65.323 | Item Description 1 & 2, Inventory Level Descriptions |
| EDI Segment W20 / Segment ID 2050 | | | |
| 2020.W07.25W20 | Item Detail Miscellaneous | E37.65.205 | Receipt Line Weight Information |
|
|
| EDI Segment W13 / Segment ID 2070  This segment could be repeated 3 times | | | |
| 2020.W07.11W13 | Item Detail Exceptions | E37.65.223 | If expected quantity greater then received quantity the Segment will contain  01 - Difference between expected and received quantity in lowest SKU  02 - Lowest SKU Code for the Product Quantity Breakdown. It will converted from a value into EDI standard using the conversion cross-reference file “SKU\_CONV\_FILE”  03 – Value ‘02’  04 – Part of Inventory Level 3 starting from position 9  05 – Value ‘NR’ |
|
|
|
|
| 2020.W07.11W13 | Item Detail Exceptions | E37.65.223 | If expected quantity less then received quantity the Segment will contain  01 - Difference between received and expected and quantity in lowest SKU  02 - Lowest SKU Code for the Product Quantity Breakdown. It will converted from a value into EDI standard using the conversion cross-reference file “SKU\_CONV\_FILE”  03 – Value ‘03’  04 – Part of Inventory Level 3 starting from position 9  05 – Value ‘NR’ |
|
|
|
|
| 2020.W07.11W13 | Item Detail Exceptions | E37.65.223 | If there is any quantity on hold the Segment will contain  01 – Hold quantity in lowest SKU  02 - Lowest SKU Code for the Product Quantity Breakdown.  It will converted from a value into EDI standard using the conversion cross-reference file “SKU\_CONV\_FILE”  03 – Value ‘01’  04 – Part of Inventory Level 3 starting from position 9  05 – Value ‘NR’ |
|
|
|
|
| Header Information | | | |
| EDI Segment W14 / Segment ID 3010 | | | |
| 3010.W14.01 | Number of Units Received | E37.60.8 | Total Quantity Received |
| 3010.W14.02 | Quantity Shipped | E37.60.9 | Total Expected Quantity |
| 3010.W14.03 | Quantity Damaged | E37.60.267 | Total Quantity on Hold |