|  |
| --- |
| External B2B Request for Hubs  EDIFACT  Initial Business Requirements (IBR) |

ClearQuest case number (to be added by Micron):

The purpose of this questionnaire is to provide the required details for an electronic connection with Micron. *Please provide as much information as possible when completing this questionnaire.*

TRADING PARTNER INFORMATION

Trading Partner Name:

Are you a current or former Micron trading partner?

Do you currently have B2B / EDI capabilities?

|  |  |
| --- | --- |
| Trading Partner Business Contact: | |
| *Name:* |  |
| *Title:* |  |
| *Phone number:* |  |
| *Email:* |  |

|  |  |
| --- | --- |
| Trading Partner B2B / EDI Technical Contact: | |
| *Name:* |  |
| *Title:* |  |
| *Phone number:* |  |
| *Email:* |  |

Trading Partner Sender / Receiver IDs\*

|  |  |
| --- | --- |
|  | |
| EDI ID’s | Sender/Receiver IDs  *(include qualifier, UNB, UNH, etc…)* |
| Trading Partner  Test ID’s  \*required | Please supply the following:  Test UNB Qualifier: \_\_\_\_\_\_\_\_\_\_ (optional)  Sender ID: \_\_\_\_\_\_\_\_\_\_ |
| Trading Partner  Production ID’s  \* required | Please supply the following:  PROD UNB Qualifier: \_\_\_\_\_\_\_\_\_\_ (optional)  Sender ID: \_\_\_\_\_\_\_\_\_\_ |
| *Micron’s Test ID* | *Test ISA Qualifier: ZZ*  *Test ISA ID: 093120871T*  *Test GS ID: 093120871T* |
| *Micron’s*  *Production ID’s* | *ISA Qualifier: 01*  *ISA ID: 093120871*  *GS ID: 093120871* |

Method of Data Transport:

|  |  |  |
| --- | --- | --- |
| Method  \*choose 1 preferred method | | Supporting Information:  *Please supply URL, email address, IP address, Certificate info, etc…* |
| VAN | |  |
|  | Name of VAN |  |
| Point-to-Point Protocol | |  |
|  | EDI-INT – AS1 (SMTP)  *Include email address & certificates* |  |
|  | EDI-INT – AS2 (HTTP)  *Include URL & certificates* |  |
|  | EDI-INT – AS3 (FTP)  *Include URL & certificates* |  |
|  | EDI-INT – AS4  (webservices) |  |
|  | Other (describe): |  |

Identify transactions being requested for exchange with Micron:

|  |  |  |
| --- | --- | --- |
| EDIFACT  ~ Micron is not limited to the following transactions ~  Please list the transactions your company wants to implement with Micron  \*EDIFACT example transactions:  *ORDERS (Purchase Order)*  *ORDRSP (PO Response)*  *ORDCHG (PO Change Request)*  *DESADV (Dispatch Advice)*  *DELFOR (Delivery Schedule)*  *INVOIC (Invoice)*  *INVRPT (Inventory Report)*   * Hubs require inventory snapshot (daily), receipts, and pulls | | |
| Message | Version | Comments |
| *ORDERS* | *Version D97A* | *example #1* |
| *ORDRSP order response* | *v.d97a* | *example #2* |
| *INVOIC (Invoice)* | *D.97A* | *example #3* |
|  |  |  |

Provide EDI setup forms or specifications for the transactions:

|  |  |
| --- | --- |
| Documentation type: | *Link or document* |
| Implementation guides |  |
| Sample data \*required (one for each transaction requested) |  |
| Specifications \* required (one for each transaction requested) |  |
| Other |  |

**Functional Documentation by Transaction**

[Goods Receipt](#Goods_Receipts_Functional)

[Inventory Advice](#Inventory_Functional)

[Product Pull](#ASN_Functional)

**EDIFACT Specification Documentation by Transaction**

[Goods Receipt](#Goods_Receipt)

[Inventory Advice](#Inventory_Report)

Product Pull

* [Advanced Ship Notification Inbound](#ASN_Inbound)
* [Advanced Ship Notification Outbound](#ASN_Outbound)

**Goods Receipt Functional Specification**

Micron requires a goods receipt transmission for every shipment received into each hub stockpile. We prefer to receive this data as near real-time as possible. Receiving real-time goods receipt information allows us to ensure that the current goods movement status in our ERP system best matches the current real status of the physical goods within each hub stockpile.

The Goods Receipt data can be sent to the Micron system using, in order of preference, the X12 (861), EDIFACT (RECADV) or RosettaNet (4B2) standards. If one of these electronic standards cannot be used, then an alternate data exchange tool like Micron’s proprietary Hub Inventory Tracking System (HITS) will need to be utilized.

The exact technical requirements for the Inventory Advice transmission are included in our provided B2B specifications document. That document includes the specific fields required for the given standard transaction. The data fields required for a goods receipt transmission are as follows:

* Micron requires a unique number identifying the shipment being received. The number passed to us in the goods receipt transmission should be the Micron delivery number for the shipment being received. This allows us to effectively match our outbound shipment information with the hub provider’s inbound receipt.
* Micron requires a warehouse code to uniquely identify both ship-from location and warehouse stockpile. This means that if material stockpiles for multiple customers are being stored at the same ship-from location, there needs to be a unique warehouse code sent to identify each customer’s stockpiled inventory and its associated goods receipt.
* Both the customer part number and the Micron part number need to be transmitted for each goods receipt.
* Micron also requires the quantity of each material received and accepted into the stockpile, and the date and time goods were received into the system.

Micron strongly prefers to receive box number information on the boxes being received into and shipped out of the stockpile. While this is optional data in the goods receipt transmission, we highly encourage our hub providers to send this data if capable. Having this data allows Micron to better tell which individual boxes remain in a stockpile location, which can be very important for tracking quality issues, product age, mis-ships, and any other issues.

|  |  |  |  |
| --- | --- | --- | --- |
| 861 |  |  |  |
| Data | Location | Element | Notes |
| Shipment ID Number | REF-02 | 127 | Where REF-01="SI" |
| Warehouse Code | N1-04 | 67 | Where N1-01="ST" |
| Customer Part Number | LIN-05 | 234 | Where LIN-04="BP" |
| Micron Part Number | LIN-03 | 234 | Where LIN-02="VP" |
| Quantity Received | RCD-02 | 663 |  |
| Box Number | MAN-02 | 87 | Where MAN-01="CA" |

|  |  |  |  |
| --- | --- | --- | --- |
| RECADV |  |  |  |
| Data | Location | Element | Notes |
| Shipment ID Number | BGM-02:02 | 1004 |  |
| Warehouse Code | NAD-02:02 | 3039 | Where NAD-01="WH" |
| Customer Part Number | LIN-02:01 | 7140 | Where LIN-02:02="BP" |
| Micron Part Number | PIA-02:01 | 7140 | Where PIA-02:02="VP" |
| Quantity Received | QTY-01:03 | 6060 | Where QTY-01:02="48" |
| Box Number | RFF-01:02 | 1154 | Where REF-01:01="SRN" |

|  |  |
| --- | --- |
| 4B2 |  |
| Data | Location |
| Shipment ID Number | thisDocumentIdentifier.ProprietaryDocumentIdentifier |
| Warehouse Code | ShipmentReceiptInformationResource -> receivedBy.PartnerDescription -> BusinessDescription -> PartnerBusinessIdentification -> ProprietaryBusinessIdentifier |
| Customer Part Number | ShipmentReceiptInformationResource -> ShipmentReceiptNotificationLineItem -> ProductIdentification -> PartnerProductIdentification |
| Micron Part Number | ShipmentReceiptInformationResource -> ShipmentReceiptNotificationLineItem -> ProductIdentification -> GlobalProductIdentifier |
| Quantity Received | ShipmentReceiptInformationResource -> ShipmentReceiptNotificationLineItem -> QuantityInformation -> acceptedQuantity.ProductQuantity |
| Box Number | ShipmentReceiptInformationResource -> ShipmentReceiptNotificationLineItem -> ManufacturerProfile -> receivedProductSerialNumber.ProprietarySerialIdentifier |

Please contact the Micron EDI team at [EDI@micron.com](mailto:EDI@micron.com) if there are questions regarding this document or regarding the included transaction specifications document.

**Inventory Advice Functional Specification**

Micron requires an end of business inventory report each day for our hub stockpiles. Micron uses the Inventory Advice transaction to reconcile the reported consignment inventory with Micron’s systematic snapshot of inventory. The inventory data can be sent to the Micron system using, in order of preference, the X12 (846), EDIFACT (INVRPT) or RosettaNet (4C1) standards. If one of these electronic standards cannot be used, then an alternate data exchange tool like Micron’s proprietary Hub Inventory Tracking System (HITS) will need to be utilized.

Micron requires one inventory snapshot send containing end-of-day inventory quantities for all materials within a single EDI GS/GE or UNB/UNZ looping structure, or in an individual RosettaNet PIP. This ensures that we can effectively match inventory and goods movement data up with a single end-of-day snapshot.

The exact technical requirements for the Inventory Advice transmission are included in our provided B2B specifications document. That document includes the specific fields required for the given standard transaction. The data fields required for an inventory transmission are as follows:

* Micron requires a warehouse code to uniquely identify both ship-from location and warehouse stockpile. This means that if material stockpiles for multiple customers are being stored at the same ship-from location, there needs to be a unique warehouse code sent to identify each individual customer’s stockpiled inventory.
* Both the customer part number and the Micron part number need to be transmitted for each inventory line.
* Micron also requires that the current summed quantity on hand at the time of the inventory snapshot be included for each material.

|  |  |  |  |
| --- | --- | --- | --- |
| 846 |  |  |  |
| Data | Location | Element | Notes |
| Warehouse Code | N1-04 | 67 | Where N1-04="WH" |
| Customer Part Number | LIN-03 | 234 | Where LIN-02="BP" |
| Micron Part Number | LIN-05 | 234 | Where LIN-04="VP" |
| Quantity On Hand | QTY-02 | 380 | Where QTY-01="17" |

|  |  |  |  |
| --- | --- | --- | --- |
| INVRPT |  |  |  |
| Data | Location | Element | Notes |
| Warehouse Code | NAD-02:02 | 3039 | Where NAD-01="WH" |
| Customer Part Number | LIN-02:01 | 7140 | Where LIN-02:02="BP" |
| Micron Part Number | PIA-02:01 | 7140 | Where PIA-02:02="VP" |
| Quantity On Hand | QTY-01:03 | 6060 | Where QTY-01:02="17" |

|  |  |
| --- | --- |
| 4C1 |  |
| Data | Location |
| Warehouse Code | Inventory Report -> inventoryLocation.PartnerDescription -> BusinessDescription -> PartnerBusinessIdentification -> ProprietaryBusinessIdentifier |
| Customer Part Number | Inventory Report -> InventoryReportLineItem -> ProductIdentification -> PartnerProductIdentification -> ProprietaryProductIdentifier |
| Micron Part Number | Inventory Report -> InventoryReportLineItem -> ProductIdentification -> GlobalProductIdentifier |
| Quantity On Hand | Inventory Report -> InventoryReportLineItem -> ProductIdentification |

Please contact the Micron EDI team at [EDI@micron.com](mailto:EDI@micron.com) if there are questions regarding this document or regarding the included transaction specifications document.

**Product Pull (Ship Notice) Functional Specification**

Micron requires a product pull transmission for every consumption of Micron product pulled out of each hub stockpile. We prefer to receive this data as near real-time as possible. Receiving real-time product pull information allows Micron to ensure that the current goods movement status in our ERP system best matches the current real status of the physical goods within each hub stockpile.

The product pull data can be sent to the Micron system using, in order of preference, the X12 (856), EDIFACT (DESADV) or RosettaNet (3B2) standards. If one of these electronic standards cannot be used, then an alternate data exchange tool like Micron’s proprietary Hub Inventory Tracking System (HITS) will need to be utilized.

The exact technical requirements for the product pull transmission are included in our provided B2B specifications document. That document includes the specific fields required for the given standard transaction. The data fields required for a product pull transmission are as follows:

* Micron requires a unique pull reference number identifying the consumption. Alternatively, this may be a discrete purchase order number provided by the customer. This number will be tracked and referenced on the customer invoice associated with the consumption.
* Micron requires a warehouse code to uniquely identify both ship-from location and warehouse stockpile. This means that if material stockpiles for multiple customers are being stored at the same ship-from location, there needs to be a unique warehouse code sent to identify each customer’s stockpiled inventory and its associated product pull.
* Both the customer part number and the Micron part number need to be transmitted for each product pull.
* Micron requires the quantity of each material being shipped out of the stockpile, in addition to the date of the consumption.
* Micron requires the customer’s purchase order number. This information allows Micron to match up a given product pull with the sales order document and customer invoice in the Micron system.
* Micron requires any packing slip number included in the shipment to the customer be transmitted to the Micron system in the product pull for that shipment.

Micron would like to receive carrier details, if available so that our team can best track how specific shipping methods impact the customer’s goods receipt timing.

Micron would like to receive box number information on the boxes being shipped out of and received into the stockpile. While this is optional data in the product pull transmission, we highly encourage our hub providers to send this data if capable. Having this data allows Micron to better tell which individual parts remain in a stockpile location, which can be very important for tracking quality issues, product age, mis-ships, and any other issues.

|  |  |  |  |
| --- | --- | --- | --- |
| 856 |  |  |  |
| Data | Location | Element | Notes |
| Unique Pull Reference | BSN-02 | 353 |  |
| Warehouse Code | N1-04 | 67 | Where N1-01="SF" |
| Customer Part Number | LIN-05 | 234 | Where LIN-04="BP" |
| Micron Part Number | LIN-03 | 234 | Where LIN-02="VP |
| Quantity Shipped | SN1-02 | 382 |  |
| Consumption Date | DTM-02 | 373 | Where DTM-01="011" |
| Customer PO Number | PRF-01 | 324 |  |
| Packing Slip Number | REF-02 | 127 | Where REF-01="BM" |
| Transportation Method | TD5-03 | 67 | Where TD5-01="B" |
| Box Number | REF-02 | 127 | Where REF-01="SE" |

|  |  |  |  |
| --- | --- | --- | --- |
| DESADV |  |  |  |
| Data | Location | Element | Notes |
| Unique Pull Reference | BGM-02:02 | 1004 |  |
| Warehouse Code | NAD-02:02 | 3039 | Where NAD-01="WH" |
| Customer Part Number | LIN-02:01 | 7140 | Where LIN-02:02="BP" |
| Micron Part Number | PIA-02:01 | 7140 | Where PIA-02:02="VP" |
| Quantity Shipped | QTY-01:03 | 6060 | Where QTY-01:02="12" |
| Consumption Date | DTM-01:02 | 2380 | Where DTM-01:02="11" |
| Customer PO Number | RFF-01:02 | 1154 | Where REF-01:01="BE" |
| Packing Slip Number | RFF-01:02 | 1154 | Where REF-01:01="CO" |
| Transportation Method | TDT:03:01 | 3127 |  |
| Box Number | RFF-01:02 | 1154 | Where REF-01:01="SRN" |

|  |  |
| --- | --- |
| 3B2 |  |
| Data | Location |
| Unique Pull Reference | AdvancedShipmentNotification -> thisDocumentIdentifier.ProprietaryDocumentIdentifier |
| Warehouse Code | AdvancedShipmentNotification -> OriginatingPartner -> shipFrom.PartnerDescription -> BusinessDescription -> GlobalBusinessIdentifier |
| Customer Part Number | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> ShippingContainerItem -> ProductIdentification -> PartnerProductIdentification -> ProprietaryProductIdentifier |
| Micron Part Number | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> ShippingContainerItem -> ProductIdentification -> GlobalProductIdentifier |
| Quantity Shipped | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> ShippingContainerItem -> shippedQuantity.ProductQuantity |
| Consumption Date | AdvancedShipmentNotification -> Shipment -> ShipmentTransportationEvent -> DateStamp |
| Customer PO Number | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> TrackingReference -> ProprietaryShipmentTrackingIdentifier |
| Packing Slip Number | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> TrackingReference -> ProprietaryShipmentTrackingIdentifier |
| Transportation Method | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> transportedBy.PartnerDescription -> BusinessDescription -> PartnerBusinessIdentification -> ProprietaryBusinessIdentifier |
| Box Number | AdvancedShipmentNotification -> Shipment -> ShippingContainer -> ShippingContainerItem -> shippingContainerItemIdentifier.ProprietarySerialIdentifier |

Please contact the Micron EDI team at [EDI@micron.com](mailto:EDI@micron.com) if there are questions regarding this document or regarding the included transaction specifications document.

**RECADV Receiving Advice Message**

**Introduction:**

This message is to address the business needs related to the goods receipt. This message is used to report the physical receipt of goods. The message allows for the reporting of discrepancies in products, quantities, terms, packages, etc.

The message may contain only the information that the received consignment is completely in line with the consignment information given in the Despatch advice message. In case there is no detail to be provided. The message may inform about the discrepancies: - between the received consignment and consignment information given in the Despatch advice message. - between the received goods and the ordered goods in the ORDERS, DELFOR or DELJIT information.

**Pos. Seg. Req. Group**

**No. ID Name Des. Max.Use Repeat**

M 0010 UNH Message Header M 1

M 0020 BGM Beginning of Message M 1

M 0030 DTM Date/Time/Period M 10

0050 Segment Group 1: RFF C 10

M 0060 RFF Reference M 1

M 0130 Segment Group 4: NAD M 10

M 0140 NAD Name and Address M 1

0470 Segment Group 16: CPS-SG22 C 9999

M 0480 CPS Consignment Packing Sequence M 1

0630 Segment Group 22: LIN-PIA-QTY-SG28 C 9999

M 0640 LIN Line Item M 1

0650 PIA Additional Product Id C 10

0670 QTY Quantity C 10

0840 Segment Group 28: RFF C 10

M 0850 RFF Reference M 1

M 1000 UNT Message Trailer M 1

**Segment: UNH Message Header**

**Position:** 0010

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Receiving advice message is RECADV.

Note: Receiving advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 RECADV 0052 D 0054 97A 0051

UN

**Business Rules:** Variable Name: UNH1

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**M S009 MESSAGE IDENTIFIER M**

Identification of the type, version etc. of the message being interchanged.

**M 0065 Message type identifier M an..6**

Code identifying a type of message and assigned by its controlling agency.

**M 0052 Message type version number M an..3**

Version number of a message type.

**M 0054 Message type release number M an..3**

Release number within the current message type version number (0052).

97A Release 1997 - A

Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).

**M 0051 Controlling agency M an..2**

Code identifying the agency controlling the specification, maintenance and publication of the message type.

UN UN/ECE/TRADE/WP.4

United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

**0057 Association assigned code C an..6**

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

**0068 COMMON ACCESS REFERENCE C an..35**

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

**Segment: BGM Beginning of Message**

**Position:** 0020

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for unique identification of the Receiving advice message, name and its number.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**C002 DOCUMENT/MESSAGE NAME C**

Identification of a type of document/message by code or name. Code preferred.

**1001 Document/message name, coded C an..3**

Document/message identifier expressed in code.

632 Goods receipt

Document/message issued by a port, warehouse/shed, or terminal operator acknowledging receipt of goods specified therein on conditions stated or referred to in the document.

**C106 DOCUMENT/MESSAGE IDENTIFICATION C**

Identification of a document/message by its number and eventually its version or revision.

**1004 Document/message number C an..35**

Reference number assigned to the document/message by the issuer.

**1225 MESSAGE FUNCTION, CODED C an..3**

Code indicating the function of the message.

9 Original

Initial transmission related to a given transaction.

**Segment: DTM Date/Time/Period**

**Position:** 0030

**Group: Level:** 1

**Usage:** Mandatory

**Max Use:** 10

**Purpose:** Date/time/period related to the whole message.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C507 DATE/TIME/PERIOD M**

Date and/or time, or period relevant to the specified date/time/period type.

**M 2005 Date/time/period qualifier M an..3**

Code giving specific meaning to a date, time or period.

137 Document/message date/time

(2006) Date/time when a document/message is issued. This may include authentication.

**2380 Date/time/period C an..35**

The value of a date, a date and time, a time or of a period in a specified representation.

**2379 Date/time/period format qualifier C an..3**

Specification of the representation of a date, a date and time or of a period.

102 CCYYMMDD

Calendar date: C = Century ; Y = Year ; M = Month ;

D = Day.

**Group: RFF Segment Group 1: Reference**

**Position:** 0050

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments giving references where necessary, dates relating to the whole message, e.g. despatch advice, contract number.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0060 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0060 (Trigger Segment) |  |
| **Group:** | Segment Group 1 (Reference) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents relating to the whole Receiving advice

message, e.g. despatch advice, purchase orders, delivery instructions. If the

RECADV refers to a prior message, this message has to be referenced.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

CR Customer reference number

Reference number assigned by the customer to a transaction.

SRN Shipment reference number

[1140] Reference number assigned by a consignor to a particular shipment for his own purposes or for those of the consignee.

TN Transaction reference number

Reference applied to a transaction between two or more parties over a defined life cycle; e.g. number applied by importer or broker to obtain release from Customs, may then used to control declaration through final accounting (synonyms: declaration, entry number).

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Group: NAD Segment Group 4: Name and Address**

**Position:** 0130

**Group: Level:** 1

**Usage:** Mandatory

**Max Use:** 10

**Purpose:** A group of segments identifying names, addresses and locations, relevant to the whole Receiving advice.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0140 | **ID**  NAD | **Name**  Name and Address | **Des.**  M | **Use** | 1 | **Repeat** |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **NAD Name and Address**  0140 (Trigger Segment) |  |
| **Group:** | Segment Group 4 (Name and Address) | Mandatory |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for identifying names and addresses and their functions relevant for the

whole Receiving advice. Identification of at least the recipient of the goods is mandatory. It is recommended that where possible only the coded form of the party ID should be specified.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 3035 PARTY QUALIFIER M an..3**

Code giving specific meaning to a party. BY Buyer

(3002) Party to which merchandise is sold. SU Supplier

(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

WH Warehouse keeper

(3022) Party taking responsibility for goods entered into a warehouse.

**C082 PARTY IDENTIFICATION DETAILS C**

Identification of a transaction party by code.

**M 3039 Party id. identification M an..35**

Code identifying a party involved in a transaction.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

92 Assigned by buyer or buyer's agent

**C058 NAME AND ADDRESS C**

Unstructured name and address: one to five lines.

**M 3124 Name and address line M an..35**

Free form name and address description.

**3124 Name and address line C an..35**

Free form name and address description.

**C080 PARTY NAME C**

Identification of a transaction party by name, one to five lines. Party name may be formatted.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M** |  | **3036** | **Party name**  Name of a party involved in a transaction. | **M** | **an..35** |
|  |  | **3036** | **Party name**  Name of a party involved in a transaction. | **C** | **an..35** |
|  |  | **3036** | **Party name**  Name of a party involved in a transaction. | **C** | **an..35** |
|  |  | **3036** | **Party name**  Name of a party involved in a transaction. | **C** | **an..35** |
|  |  | **3036** | **Party name**  Name of a party involved in a transaction. | **C** | **an..35** |
|  |  | **3045** | **Party name format, coded**  Specification of the representation of a party name. | **C** | **an..3** |
|  | **C059** |  | **STREET** | **C** |  |

Street address and/or PO Box number in a structured address: one to three

lines.

**M 3042 Street and number/p.o. box M an..35**

Street and number in plain language, or Post Office Box No.

**3042 Street and number/p.o. box C an..35**

Street and number in plain language, or Post Office Box No.

**3042 Street and number/p.o. box C an..35**

Street and number in plain language, or Post Office Box No.

**3042 Street and number/p.o. box C an..35**

Street and number in plain language, or Post Office Box No.

**3164 CITY NAME C an..35**

Name of a city (a town, a village) for addressing purposes.

**3229 COUNTRY SUB-ENTITY IDENTIFICATION C an..9**

Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.

**3251 POSTCODE IDENTIFICATION C an..9**

Code defining postal zones or addresses.

**3207 COUNTRY, CODED C an..3**

Identification of the name of a country or other geographical entity as specified in ISO 3166.

**Group: CPS Segment Group 16: Consignment Packing Sequence**

**Position:** 0470

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 9999

**Purpose:** A group of segments providing details of all packages and/or individual items as received. This segment group provides the capability to give the top-down hierarchical relationship of the package levels.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0480 | **ID**  CPS | **Name**  Consignment Packing Sequence | **Des.**  M | **Use** | 1 | **Repeat** |
|  | 0630 |  | Segment Group 22: Line Item | C |  |  | 9999 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **CPS Consignment Packing Sequence**  0480 (Trigger Segment) |  |
| **Group:** | Segment Group 16 (Consignment Packing Sequence) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying the sequence in which packing of the consignment is

presented, e.g. a pallet loaded with boxes.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 7164 HIERARCHICAL ID. NUMBER M an..12**

A unique number assigned by the sender to identify a level within a hierarchical structure.

**7166 HIERARCHICAL PARENT ID. C an..12**

Identification number of the next higher hierarchical data segment in a hierarchical structure.

**7075 PACKAGING LEVEL, CODED C an..3**

Indication of level of packaging specified.

|  |  |  |
| --- | --- | --- |
| **Group: Position:** | **LIN Segment Group 22: Line Item**  0630 |  |
| **Group:** | Segment Group 16 (Consignment Packing Sequence) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 9999 |  |

**Purpose:** A group of segments providing details of the product or service received.

**Segment Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos. No.** | **Seg. ID** | **Name** | **Req. Des.** | **Max. Use** | **Group: Repeat** |
| M | 0640 | LIN | Line Item | M | 1 |  |
|  | 0650 | PIA | Additional Product Id | C | 10 |  |
|  | 0670 | QTY | Quantity | C | 10 |  |
|  | 0840 |  | Segment Group 28: Reference | C |  | 10 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **LIN Line Item**  0640 (Trigger Segment) |  |
| **Group:** | Segment Group 22 (Line Item) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying the product or service received.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**1082 LINE ITEM NUMBER C an..6**

Serial number designating each separate item within a series of articles.

**C212 ITEM NUMBER IDENTIFICATION C**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number. BP Buyer's part number

Reference number assigned by the buyer to identify an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

92 Assigned by buyer or buyer's agent

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **PIA Additional Product Id**  0650 |  |
| **Group:** | Segment Group 22 (Line Item) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A segment providing additional product or service identification.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 4347 PRODUCT ID. FUNCTION QUALIFIER M an..3**

Indication of the function of the product code.

1 Additional identification

Information which specifies and qualifies product identifications.

**M C212 ITEM NUMBER IDENTIFICATION M**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number.

VP Vendor's (seller's) part number

Reference number assigned by a vendor/seller identifying an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **QTY Quantity**  0670 |  |
| **Group:** | Segment Group 22 (Line Item) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A segment to give quantity information about the product specified in the LIN, PIA

or IMD segment.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C186 QUANTITY DETAILS M**

Quantity information in a transaction, qualified when relevant.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **M** | **6063** | **Quantity qualifier**  Code giving specific meaning to a quantity.  48 Received quantity  The quantity which has been received. | **M** | **an..3** |
| **M** | **6060** | **Quantity**  Numeric value of a quantity. | **M** | **n..15** |
|  | **6411** | **Measure unit qualifier** | **C** | **an..3** |

Indication of the unit of measurement in which weight (mass), capacity,

length, area, volume or other quantity is expressed.

**Group: RFF Segment Group 28: Reference**

**Position:** 0840

**Group:** Segment Group 22 (Line Item) Conditional (Optional)

**Level:** 3

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments giving references relevant to the line item.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0850 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0850 (Trigger Segment) |  |
| **Group:** | Segment Group 28 (Reference) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents relating to the line item specified by the LIN

or IMD segment.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

CO Buyers order number

[1022] Reference number assigned by the buyer to an order.

SRN Shipment reference number

[1140] Reference number assigned by a consignor to a particular shipment for his own purposes or for those of the consignee.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Segment: UNT Message Trailer**

**Position:** 1000

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0074 NUMBER OF SEGMENTS IN A MESSAGE M n..6**

Control count of number of segments in a message.

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**INVRPT Inventory Report Message**

**Introduction:**

A message specifying information relating to held inventories. The Inventory report message is intended to be used in either direction between trading partners.

**Heading Section:**

**Pos. Seg. Req. Group**

**No. ID Name Des. Max.Use Repeat**

M 0010 UNH Message Header M 1

M 0020 BGM Beginning of Message M 1

M 0040 DTM Date/Time/Period M 10

0080 Segment Group 2: NAD C 20

M 0090 NAD Name and Address M 1

**Detail Section:**

**Pos. Seg. Req. Group**

**No. ID Name Des. Max.Use Repeat**

0290 Segment Group 9: LIN-PIA-SG10-SG11 C 9999

M 0300 LIN Line Item M 1

0310 PIA Additional Product Id C 10

0390 Segment Group 10: RFF C 10

M 0400 RFF Reference M 1

0420 Segment Group 11: INV-QTY-SG14 C 9999

M 0430 INV Inventory Management Related Details M 1

M 0440 QTY Quantity M 1

0560 Segment Group 14: RFF C 10

M 0570 RFF Reference M 1

M 0700 UNT Message Trailer M 1

**Segment: UNH Message Header**

**Position:** 0010

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Inventory report message is INVRPT.

Note: Inventory report messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 INVRPT 0052 D 0054 97A 0051

UN

**Business Rules:** Variable Name: UNH1

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**M S009 MESSAGE IDENTIFIER M**

Identification of the type, version etc. of the message being interchanged.

**M 0065 Message type identifier M an..6**

Code identifying a type of message and assigned by its controlling agency. INVRPT Inventory report message

A code to identify the inventory report message.

**M 0052 Message type version number M an..3**

Version number of a message type.

D Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a

standard message (Valid for directories published after

March 1997).

**M 0054 Message type release number M an..3**

Release number within the current message type version number (0052).

97A Release 1997 - A

Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).

**M 0051 Controlling agency M an..2**

Code identifying the agency controlling the specification, maintenance and publication of the message type.

UN UN/ECE/TRADE/WP.4

United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

**0057 Association assigned code C an..6**

Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

**0068 COMMON ACCESS REFERENCE C an..35**

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

**Segment: BGM Beginning of Message**

**Position:** 0020

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for unique identification of the Inventory Report document, name and its number.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**C002 DOCUMENT/MESSAGE NAME C**

Identification of a type of document/message by code or name. Code preferred.

**1001 Document/message name, coded C an..3**

Document/message identifier expressed in code.

35 Inventory report

A message specifying information relating to held inventories.

**C106 DOCUMENT/MESSAGE IDENTIFICATION C**

Identification of a document/message by its number and eventually its version or revision.

**1004 Document/message number C an..35**

Reference number assigned to the document/message by the issuer.

**1225 MESSAGE FUNCTION, CODED C an..3**

Code indicating the function of the message.

9 Original

Initial transmission related to a given transaction.

**Segment: DTM Date/Time/Period**

**Position:** 0040

**Group: Level:** 1

**Usage:** Mandatory

**Max Use:** 10

**Purpose:** Date/time/period related to the whole message. The segment must be specified at least once to identify the date at which the inventory report was issued.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C507 DATE/TIME/PERIOD M**

Date and/or time, or period relevant to the specified date/time/period type.

**M 2005 Date/time/period qualifier M an..3**

Code giving specific meaning to a date, time or period.

137 Document/message date/time

(2006) Date/time when a document/message is issued. This may include authentication.

**2380 Date/time/period C an..35**

The value of a date, a date and time, a time or of a period in a specified representation.

**2379 Date/time/period format qualifier C an..3**

Specification of the representation of a date, a date and time or of a period.

102 CCYYMMDD

Calendar date: C = Century ; Y = Year ; M = Month ;

D = Day.

**Group: NAD Segment Group 2: Name and Address**

**Position:** 0080

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 20

**Purpose:** A group of segments identifying names, addresses and locations relevant to the whole message.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0090 | **ID**  NAD | **Name**  Name and Address | **Des.**  M | **Use** | 1 | **Repeat** |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **NAD Name and Address**  0090 (Trigger Segment) |  |
| **Group:** | Segment Group 2 (Name and Address) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for identifying names and addresses and their functions relevant for the

whole Inventory Report. Indications of the parties involved is recommended for the Inventory Report message. They are to be given in the NAD segment. It is recommended that where possible only the coded form of the party ID should be specified.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 3035 PARTY QUALIFIER M an..3**

Code giving specific meaning to a party. BY Buyer

(3002) Party to which merchandise is sold. SU Supplier

(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

WH Warehouse keeper

(3022) Party taking responsibility for goods entered into a warehouse.

**C082 PARTY IDENTIFICATION DETAILS C**

Identification of a transaction party by code.

**M 3039 Party id. identification M an..35**

Code identifying a party involved in a transaction.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

92 Assigned by buyer or buyer's agent

**C058 NAME AND ADDRESS C**

Unstructured name and address: one to five lines.

**M 3124 Name and address line M an..35**

Free form name and address description.

**3124 Name and address line C an..35**

Free form name and address description.

**C080 PARTY NAME C**

Identification of a transaction party by name, one to five lines. Party name

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **M** |  | **3036** | may be formatted.  **Party name** | **M an..35** |
|  |  |  | Name of a party involved in a transaction. |  |
|  |  | **3036** | **Party name**  Name of a party involved in a transaction. | **C an..35** |
|  | **C059** |  | **STREET** | **C** |

Street address and/or PO Box number in a structured address: one to three

lines.

**M 3042 Street and number/p.o. box M an..35**

Street and number in plain language, or Post Office Box No.

**3164 CITY NAME C an..35**

Name of a city (a town, a village) for addressing purposes.

**3251 POSTCODE IDENTIFICATION C an..9**

Code defining postal zones or addresses.

**3207 COUNTRY, CODED C an..3**

Identification of the name of a country or other geographical entity as specified in ISO 3166.

**Group: LIN Segment Group 9: Line Item**

**Position:** 0290

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 9999

**Purpose:** A group of segments providing detailed information on each line of the inventory report.

**Segment Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos. No.** | **Seg. ID** | **Name** | **Req. Des.** | **Max. Use** | **Group: Repeat** |
| M | 0300 | LIN | Line Item | M | 1 |  |
|  | 0310 | PIA | Additional Product Id | C | 10 |  |
|  | 0390 |  | Segment Group 10: Reference | C |  | 10 |
|  | 0420 |  | Segment Group 11: Inventory Management  Related Details | C |  | 9999 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **LIN Line Item**  0300 (Trigger Segment) |  |
| **Group:** | Segment Group 9 (Line Item) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying a specific line item in the inventory report. All other

segments in the detail section refer to the line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**1082 LINE ITEM NUMBER C an..6**

Serial number designating each separate item within a series of articles.

**C212 ITEM NUMBER IDENTIFICATION C**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number. BP Buyer's part number

Reference number assigned by the buyer to identify an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

92 Assigned by buyer or buyer's agent

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **PIA Additional Product I**  0310 | **d** |
| **Group:** | Segment Group 9 (Line Item) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A segment to allow the transmission of additional product identification.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 4347 PRODUCT ID. FUNCTION QUALIFIER M an..3**

Indication of the function of the product code.

1 Additional identification

Information which specifies and qualifies product identifications.

**M C212 ITEM NUMBER IDENTIFICATION M**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number.

VP Vendor's (seller's) part number

Reference number assigned by a vendor/seller identifying an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

**Group: RFF Segment Group 10: Reference**

**Position:** 0390

**Group:** Segment Group 9 (Line Item) Conditional (Optional)

**Level:** 2

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments giving references only relating to the specified line item.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0400 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0400 (Trigger Segment) |  |
| **Group:** | Segment Group 10 (Reference) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents and other numbers pertinent to the line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

CO Buyers order number

[1022] Reference number assigned by the buyer to an order.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Group: INV Segment Group 11: Inventory Management Related Details**

**Position:** 0420

**Group:** Segment Group 9 (Line Item) Conditional (Optional)

**Level:** 2

**Usage:** Conditional (Optional)

**Max Use:** 9999

**Purpose:** A group of segments providing a quantity with all inventory management related information and optionally package details, line item currencies and references.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0430 | **ID**  INV | **Name**  Inventory Management Related Details | **Des.**  M | **Use** | 1 | **Repeat** |
| M | 0440 | QTY | Quantity | M |  | 1 |  |
|  | 0560 |  | Segment Group 14: Reference | C |  |  | 10 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **INV Inventory Management Related Details**  0430 (Trigger Segment) |  |
| **Group:** | Segment Group 11 (Inventory Management Related Details) (Optional) | Conditional |
| **Level:** | 2 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment to provide all the parameters required for an inventory activity report,

e.g. the reason for an inventory movement, the direction of an inventory movement, etc.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**4499 REASON FOR INVENTORY MOVEMENT, CODED C an..3**

To explain the reason for the inventory movement.

1 Reception

Goods received at warehouse from another party or warehouse.

2 Delivery

Goods which have been delivered from the inventory to another party or warehouse.

11 Consumption

The inventory movement corresponds to goods taken out of consigned inventory for consumption.

**4503 INVENTORY BALANCE METHOD, CODED C an..3**

To specify the method used to establish an inventory balance.

1 Book-keeping inventory balance

An inventory balance resulting from the book-keeping.

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **QTY Quantity**  0440 |  |
| **Group:** | Segment Group 11 (Inventory Management Related Details) (Optional) | Conditional |
| **Level:** | 3 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment to provide a quantity information suitably qualified, for the product

referred to by the LIN segment, e.g. opening balance quantity, closing balance quantity, inventory movement quantity, etc.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C186 QUANTITY DETAILS M**

Quantity information in a transaction, qualified when relevant.

**M 6063 Quantity qualifier M an..3**

Code giving specific meaning to a quantity.

2 Charge

Quantity relevant for charge.

17 Quantity on hand

48 Received quantity

The quantity which has been received.

**M 6060 Quantity M n..15**

Numeric value of a quantity.

**6411 Measure unit qualifier C an..3**

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

|  |  |  |
| --- | --- | --- |
| **Group: Position:** | **RFF Segment Group 14: Reference**  0560 |  |
| **Group:** | Segment Group 11 (Inventory Management Related Details) (Optional) | Conditional |
| **Level:** | 3 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A group of segments giving references only relating to the specified quantity.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0570 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0570 (Trigger Segment) |  |
| **Group:** | Segment Group 14 (Reference) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents and other numbers pertinent to the quantity.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

CR Customer reference number

Reference number assigned by the customer to a transaction.

SRN Shipment reference number

[1140] Reference number assigned by a consignor to a particular shipment for his own purposes or for those of the consignee.

TN Transaction reference number

Reference applied to a transaction between two or more parties over a defined life cycle; e.g. number applied by importer or broker to obtain release from Customs, may then used to control declaration through final accounting (synonyms: declaration, entry number).

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**1156 Line number C an..6**

Number of the line in the document/message referenced in 1154

Reference number.

**Segment: UNT Message Trailer**

**Position:** 0700

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0074 NUMBER OF SEGMENTS IN A MESSAGE M n..6**

Control count of number of segments in a message.

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**DESADV Despatch Advice Message**

**Introduction:**

A message specifying details for goods despatched or ready for despatch under agreed conditions.

The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

**Heading Section:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| M | **Pos. No.**  0010 | **Seg. ID** UNH | **Name**  Message Header | **Req. Des.** M | **Max.Use R**  1 | **Group epeat** |
| M | 0020 | BGM | Beginning of Message | M | 1 |
|  | 0030 | DTM | Date/Time/Period | C | 10 |
|  | 0070 |  | Segment Group 1: RFF | C |  | 10 |
| M | 0080 | RFF | Reference | M | 1 |  |
|  | 0100 |  | Segment Group 2: NAD | C |  | 10 |
| M | 0110 | NAD | Name and Address | M | 1 |  |
|  | 0230 |  | Segment Group 6: TDT | C |  | 10 |
| M | 0240 | TDT | Details of Transport | M | 1 |  |

**Detail Section:**

**Pos. Seg. Req. Group**

**No. ID Name Des. Max.Use Repeat**

0370 Segment Group 10: CPS-SG15 C 9999

M 0380 CPS Consignment Packing Sequence M 1

0550 Segment Group 15: LIN-PIA-QTY-SG16 C 9999

M 0560 LIN Line Item M 1

0570 PIA Additional Product Id C 10

0600 QTY Quantity C 10

0710 Segment Group 16: RFF C 99

M 0720 RFF Reference M 1

**Summary Section:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** |  | **Group** |
| **No.** | **ID** | **Name** | **Des.** | **Max.Use** | **Repeat** |
| M | 1040 | UNT | Message Trailer | M | 1 |  |

**Segment: UNH Message Header**

**Position:** 0010

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 DESADV 0052 D 0054 97A 0051

UN

**Business Rules:** Variable Name: UNH1

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**M S009 MESSAGE IDENTIFIER M**

Identification of the type, version etc. of the message being interchanged.

**M 0065 Message type identifier M an..6**

Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message

A code to identify the despatch advice message.

**M 0052 Message type version number M an..3**

Version number of a message type.

D Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a

standard message (Valid for directories published after

March 1997).

**M 0054 Message type release number M an..3**

Release number within the current message type version number (0052).

97A Release 1997 - A

Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).

**M 0051 Controlling agency M an..2**

Code identifying the agency controlling the specification, maintenance and publication of the message type.

UN UN/ECE/TRADE/WP.4

United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

**Segment: BGM Beginning of Message**

**Position:** 0020

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for unique identification of the Despatch Advice document, by means of its name and its number.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**C002 DOCUMENT/MESSAGE NAME C**

Identification of a type of document/message by code or name. Code preferred.

**1001 Document/message name, coded C an..3**

Document/message identifier expressed in code.

351 Despatch advice

Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.

**C106 DOCUMENT/MESSAGE IDENTIFICATION C**

Identification of a document/message by its number and eventually its version or revision.

**1004 Document/message number C an..35**

Reference number assigned to the document/message by the issuer.

**1225 MESSAGE FUNCTION, CODED C an..3**

Code indicating the function of the message.

9 Original

Initial transmission related to a given transaction.

**Segment: DTM Date/Time/Period**

**Position:** 0030

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C507 DATE/TIME/PERIOD M**

Date and/or time, or period relevant to the specified date/time/period type.

**M 2005 Date/time/period qualifier M an..3**

Code giving specific meaning to a date, time or period.

11 Despatch date and or time

(2170) Date/time on which the goods are or are expected to be despatched or shipped.

**2380 Date/time/period C an..35**

The value of a date, a date and time, a time or of a period in a specified representation.

**2379 Date/time/period format qualifier C an..3**

Specification of the representation of a date, a date and time or of a period.

102 CCYYMMDD

Calendar date: C = Century ; Y = Year ; M = Month ;

D = Day.

**Group: RFF Segment Group 1: Reference**

**Position:** 0070

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0080 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0080 (Trigger Segment) |  |
| **Group:** | Segment Group 1 (Reference) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents relating to the whole despatch advice

message, e.g. purchase orders, delivery instructions, import/export license.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

AWB Air waybill number

Reference number assigned to an air waybill, see:

1001 = 740.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Group: NAD Segment Group 2: Name and Address**

**Position:** 0100

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0110 | **ID**  NAD | **Name**  Name and Address | **Des.**  M | **Use** | 1 | **Repeat** |

**Segment: NAD Name and Address**

**Position:** 0110 (Trigger Segment)

**Group:** Segment Group 2 (Name and Address) Conditional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.

It is recommended that where possible, only the coded form of the party ID should

be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 3035 PARTY QUALIFIER M an..3**

Code giving specific meaning to a party. SF Ship from

Identification of the party from where goods will be or have been shipped.

ST Ship to

Identification of the party to where goods will be or have been shipped.

SU Supplier

(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

UD Ultimate customer

The final recipient of goods. WH Warehouse keeper

(3022) Party taking responsibility for goods entered into a warehouse.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **C082** |  | **PARTY IDENTIFICATION DETAILS**  Identification of a transaction party by code. | **C** |
| **M** |  | **3039** | **Party id. identification**  Code identifying a party involved in a transaction. | **M an..35** |
|  |  | **3055** | **Code list responsible agency, coded**  Code identifying the agency responsible for a code list.  91 Assigned by seller or seller's agent  92 Assigned by buyer or buyer's agent | **C an..3** |
|  | **C080** |  | **PARTY NAME** | **C** |

Identification of a transaction party by name, one to five lines. Party name may be formatted.

**M 3036 Party name M an..35**

Name of a party involved in a transaction.

**3164 CITY NAME C an..35**

Name of a city (a town, a village) for addressing purposes.

**3251 POSTCODE IDENTIFICATION C an..9**

Code defining postal zones or addresses.

**3207 COUNTRY, CODED C an..3**

Identification of the name of a country or other geographical entity as specified in ISO 3166.

**Group: TDT Segment Group 6: Details of Transport**

**Position:** 0230

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments specifying details of the mode and means of transport and date/time of departure and destination relevant to the whole despatch advice.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0240 | **ID**  TDT | **Name**  Details of Transport | **Des.**  M | **Use** | 1 | **Repeat** |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **TDT Details of Transport**  0240 (Trigger Segment) |  |
| **Group:** | Segment Group 6 (Details of Transport) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment specifying the carriage, and the mode and means of transport of the

goods being despatched.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 8051 TRANSPORT STAGE QUALIFIER M an..3**

Qualifier giving a specific meaning to the transport details.

20 Main-carriage transport

The primary stage in the movement of cargo from the point of origin to the intended destination.

30 On-carriage transport

Transport by which the goods are moved after the main carriage transport.

**C220 MODE OF TRANSPORT C**

Method of transport code or name. Code preferred.

**8067 Mode of transport, coded C an..3**

Coded method of transport used for the carriage of the goods.

**C040 CARRIER C**

Identification of a carrier by code and/or by name. Code preferred.

**X 3127 Carrier identification C an..17**

**3128 Carrier name C an..35**

Name of party undertaking or arranging transport of goods between named points.

**Group: CPS Segment Group 10: Consignment Packing Sequence**

**Position:** 0370

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 9999

**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0380 | **ID**  CPS | **Name**  Consignment Packing Sequence | **Des.**  M | **Use** | 1 | **Repeat** |
|  | 0550 |  | Segment Group 15: Line Item | C |  |  | 9999 |

**Segment: CPS Consignment Packing Sequence**

**Position:** 0380 (Trigger Segment)

**Group:** Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 7164 HIERARCHICAL ID. NUMBER M an..12**

A unique number assigned by the sender to identify a level within a hierarchical structure.

|  |  |  |
| --- | --- | --- |
| **Group: Position:** | **LIN Segment Group 15: Line Item**  0550 |  |
| **Group:** | Segment Group 10 (Consignment Packing Sequence) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 9999 |  |

**Purpose:** A group of segments providing details of the individual despatched items.

**Segment Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos. No.** | **Seg. ID** | **Name** | **Req. Des.** | **Max. Use** | **Group: Repeat** |
| M | 0560 | LIN | Line Item | M | 1 |  |
|  | 0570 | PIA | Additional Product Id | C | 10 |  |
|  | 0600 | QTY | Quantity | C | 10 |  |
|  | 0710 |  | Segment Group 16: Reference | C |  | 99 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **LIN Line Item**  0560 (Trigger Segment) |  |
| **Group:** | Segment Group 15 (Line Item) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying the product being despatched.

All other segments in the detail section following the LIN segment refer to that line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**1082 LINE ITEM NUMBER C an..6**

Serial number designating each separate item within a series of articles.

**C212 ITEM NUMBER IDENTIFICATION C**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number. BP Buyer's part number

Reference number assigned by the buyer to identify an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

92 Assigned by buyer or buyer's agent

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **PIA Additional Product Id**  0570 |  |
| **Group:** | Segment Group 15 (Line Item) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A segment providing additional product identification.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 4347 PRODUCT ID. FUNCTION QUALIFIER M an..3**

Indication of the function of the product code.

1 Additional identification

Information which specifies and qualifies product identifications.

**M C212 ITEM NUMBER IDENTIFICATION M**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number.

VP Vendor's (seller's) part number

Reference number assigned by a vendor/seller identifying an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

**Segment: QTY Quantity**

**Position:** 0600

**Group:** Segment Group 15 (Line Item) Conditional (Optional)

**Level:** 3

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A segment to give quantity information concerning the product.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C186 QUANTITY DETAILS M**

Quantity information in a transaction, qualified when relevant.

**M 6063 Quantity qualifier M an..3**

Code giving specific meaning to a quantity.

12 Despatch quantity

Quantity despatched by the seller.

**M 6060 Quantity M n..15**

Numeric value of a quantity.

**6411 Measure unit qualifier C an..3**

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

EA Each

**Group: RFF Segment Group 16: Reference**

**Position:** 0710

**Group:** Segment Group 15 (Line Item) Conditional (Optional)

**Level:** 3

**Usage:** Conditional (Optional)

**Max Use:** 99

**Purpose:** A group of segments to give reference numbers and dates.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0720 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0720 (Trigger Segment) |  |
| **Group:** | Segment Group 16 (Reference) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying documents related to the line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

BM Bill of lading number

Reference number assigned to a bill of lading, see:

1001 = 705. SE Serial number

Identification number of an item which distinguishes this specific item out of an number of identical items.

SRN Shipment reference number

[1140] Reference number assigned by a consignor to a particular shipment for his own purposes or for those of the consignee.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**1156 Line number C an..6**

Number of the line in the document/message referenced in 1154

Reference number.

**Segment: UNT Message Trailer**

**Position:** 1040

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0074 NUMBER OF SEGMENTS IN A MESSAGE M n..6**

Control count of number of segments in a message.

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**DESADV Despatch Advice Message**

**Introduction:**

A message specifying details for goods despatched or ready for despatch under agreed conditions.

The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

**Heading Section:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| M | **Pos. No.**  0010 | **Seg. ID** UNH | **Name**  Message Header | **Req. Des.** M | **Max.Use R**  1 | **Group epeat** |
| M | 0020 | BGM | Beginning of Message | M | 1 |
|  | 0030 | DTM | Date/Time/Period | C | 10 |
|  | 0070 |  | Segment Group 1: RFF | C |  | 10 |
| M | 0080 | RFF | Reference | M | 1 |  |
|  | 0100 |  | Segment Group 2: NAD | C |  | 10 |
| M | 0110 | NAD | Name and Address | M | 1 |  |

**Detail Section:**

**Pos. Seg. Req. Group**

**No. ID Name Des. Max.Use Repeat**

0370 Segment Group 10: CPS-SG15 C 9999

M 0380 CPS Consignment Packing Sequence M 1

0550 Segment Group 15: LIN-PIA-QTY-SG16 C 9999

M 0560 LIN Line Item M 1

0570 PIA Additional Product Id C 10

0600 QTY Quantity C 10

0710 Segment Group 16: RFF C 99

M 0720 RFF Reference M 1

**Summary Section:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** |  | **Group** |
| **No.** | **ID** | **Name** | **Des.** | **Max.Use** | **Repeat** |
| M | 1040 | UNT | Message Trailer | M | 1 |  |

**Segment: UNH Message Header**

**Position:** 0010

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 DESADV 0052 D 0054 97A 0051

UN

**Business Rules:** Variable Name: UNH1

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.

**M S009 MESSAGE IDENTIFIER M**

Identification of the type, version etc. of the message being interchanged.

**M 0065 Message type identifier M an..6**

Code identifying a type of message and assigned by its controlling agency. DESADV Despatch advice message

A code to identify the despatch advice message.

**M 0052 Message type version number M an..3**

Version number of a message type.

D Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a

standard message (Valid for directories published after

March 1997).

**M 0054 Message type release number M an..3**

Release number within the current message type version number (0052).

97A Release 1997 - A

Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).

**M 0051 Controlling agency M an..2**

Code identifying the agency controlling the specification, maintenance and publication of the message type.

UN UN/ECE/TRADE/WP.4

United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

**Segment: BGM Beginning of Message**

**Position:** 0020

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for unique identification of the Despatch Advice document, by means of its name and its number.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**C002 DOCUMENT/MESSAGE NAME C**

Identification of a type of document/message by code or name. Code preferred.

**1001 Document/message name, coded C an..3**

Document/message identifier expressed in code.

351 Despatch advice

Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.

**C106 DOCUMENT/MESSAGE IDENTIFICATION C**

Identification of a document/message by its number and eventually its version or revision.

**1004 Document/message number C an..35**

Reference number assigned to the document/message by the issuer.

**1225 MESSAGE FUNCTION, CODED C an..3**

Code indicating the function of the message.

9 Original

Initial transmission related to a given transaction.

**Segment: DTM Date/Time/Period**

**Position:** 0030

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C507 DATE/TIME/PERIOD M**

Date and/or time, or period relevant to the specified date/time/period type.

**M 2005 Date/time/period qualifier M an..3**

Code giving specific meaning to a date, time or period.

11 Despatch date and or time

(2170) Date/time on which the goods are or are expected to be despatched or shipped.

**2380 Date/time/period C an..35**

The value of a date, a date and time, a time or of a period in a specified representation.

**2379 Date/time/period format qualifier C an..3**

Specification of the representation of a date, a date and time or of a period.

102 CCYYMMDD

Calendar date: C = Century ; Y = Year ; M = Month ;

D = Day.

**Group: RFF Segment Group 1: Reference**

**Position:** 0070

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0080 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0080 (Trigger Segment) |  |
| **Group:** | Segment Group 1 (Reference) | Conditional (Optional) |
| **Level:** | 1 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment for referencing documents relating to the whole despatch advice

message, e.g. purchase orders, delivery instructions, import/export license.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

AWB Air waybill number

Reference number assigned to an air waybill, see:

1001 = 740.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**Group: NAD Segment Group 2: Name and Address**

**Position:** 0100

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0110 | **ID**  NAD | **Name**  Name and Address | **Des.**  M | **Use** | 1 | **Repeat** |

**Segment: NAD Name and Address**

**Position:** 0110 (Trigger Segment)

**Group:** Segment Group 2 (Name and Address) Conditional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment.

It is recommended that where possible, only the coded form of the party ID should

be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 3035 PARTY QUALIFIER M an..3**

Code giving specific meaning to a party. SF Ship from

Identification of the party from where goods will be or have been shipped.

ST Ship to

Identification of the party to where goods will be or have been shipped.

SU Supplier

(3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

UD Ultimate customer

The final recipient of goods.

**C082 PARTY IDENTIFICATION DETAILS C**

Identification of a transaction party by code.

**M 3039 Party id. identification M an..35**

Code identifying a party involved in a transaction.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

92 Assigned by buyer or buyer's agent

**C080 PARTY NAME C**

Identification of a transaction party by name, one to five lines. Party name may be formatted.

**M 3036 Party name M an..35**

|  |  |  |  |
| --- | --- | --- | --- |
| **3164** | Name of a party involved in a transaction.  **CITY NAME** | **C** | **an..35** |
|  | Name of a city (a town, a village) for addressing purposes. |  |  |
| **3251** | **POSTCODE IDENTIFICATION**  Code defining postal zones or addresses. | **C** | **an..9** |
| **3207** | **COUNTRY, CODED** | **C** | **an..3** |

Identification of the name of a country or other geographical entity as

specified in ISO 3166.

**Group: CPS Segment Group 10: Consignment Packing Sequence**

**Position:** 0370

**Group: Level:** 1

**Usage:** Conditional (Optional)

**Max Use:** 9999

**Purpose:** A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

**Segment Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Pos.** | **Seg.** |  | **Req.** | **Max.** |  | **Group:** |
| M | **No.**  0380 | **ID**  CPS | **Name**  Consignment Packing Sequence | **Des.**  M | **Use** | 1 | **Repeat** |
|  | 0550 |  | Segment Group 15: Line Item | C |  |  | 9999 |

**Segment: CPS Consignment Packing Sequence**

**Position:** 0380 (Trigger Segment)

**Group:** Segment Group 10 (Consignment Packing Sequence) Conditional (Optional)

**Level:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 7164 HIERARCHICAL ID. NUMBER M an..12**

A unique number assigned by the sender to identify a level within a hierarchical structure.

|  |  |  |
| --- | --- | --- |
| **Group: Position:** | **LIN Segment Group 15: Line Item**  0550 |  |
| **Group:** | Segment Group 10 (Consignment Packing Sequence) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 9999 |  |

**Purpose:** A group of segments providing details of the individual despatched items.

**Segment Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Pos. No.** | **Seg. ID** | **Name** | **Req. Des.** | **Max. Use** | **Group: Repeat** |
| M | 0560 | LIN | Line Item | M | 1 |  |
|  | 0570 | PIA | Additional Product Id | C | 10 |  |
|  | 0600 | QTY | Quantity | C | 10 |  |
|  | 0710 |  | Segment Group 16: Reference | C |  | 99 |

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **LIN Line Item**  0560 (Trigger Segment) |  |
| **Group:** | Segment Group 15 (Line Item) | Conditional (Optional) |
| **Level:** | 2 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying the product being despatched.

All other segments in the detail section following the LIN segment refer to that line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**1082 LINE ITEM NUMBER C an..6**

Serial number designating each separate item within a series of articles.

**C212 ITEM NUMBER IDENTIFICATION C**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number. BP Buyer's part number

Reference number assigned by the buyer to identify an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

92 Assigned by buyer or buyer's agent

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **PIA Additional Product Id**  0570 |  |
| **Group:** | Segment Group 15 (Line Item) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Conditional (Optional) |  |
| **Max Use:** | 10 |  |

**Purpose:** A segment providing additional product identification.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 4347 PRODUCT ID. FUNCTION QUALIFIER M an..3**

Indication of the function of the product code.

1 Additional identification

Information which specifies and qualifies product identifications.

**M C212 ITEM NUMBER IDENTIFICATION M**

Goods identification for a specified source.

**7140 Item number C an..35**

A number allocated to a group or item.

**7143 Item number type, coded C an..3**

Identification of the type of item number.

VP Vendor's (seller's) part number

Reference number assigned by a vendor/seller identifying an article.

**3055 Code list responsible agency, coded C an..3**

Code identifying the agency responsible for a code list.

91 Assigned by seller or seller's agent

**Segment: QTY Quantity**

**Position:** 0600

**Group:** Segment Group 15 (Line Item) Conditional (Optional)

**Level:** 3

**Usage:** Conditional (Optional)

**Max Use:** 10

**Purpose:** A segment to give quantity information concerning the product.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C186 QUANTITY DETAILS M**

Quantity information in a transaction, qualified when relevant.

**M 6063 Quantity qualifier M an..3**

Code giving specific meaning to a quantity.

12 Despatch quantity

Quantity despatched by the seller.

**M 6060 Quantity M n..15**

Numeric value of a quantity.

**6411 Measure unit qualifier C an..3**

Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

EA Each

**Group: RFF Segment Group 16: Reference**

**Position:** 0710

**Group:** Segment Group 15 (Line Item) Conditional (Optional)

**Level:** 3

**Usage:** Conditional (Optional)

**Max Use:** 99

**Purpose:** A group of segments to give reference numbers and dates.

**Segment Summary**

**Pos. Seg. Req. Max. Group: No. ID Name Des. Use Repeat**

M 0720 RFF Reference M 1

|  |  |  |
| --- | --- | --- |
| **Segment: Position:** | **RFF Reference**  0720 (Trigger Segment) |  |
| **Group:** | Segment Group 16 (Reference) | Conditional (Optional) |
| **Level:** | 3 |  |
| **Usage:** | Mandatory |  |
| **Max Use:** | 1 |  |

**Purpose:** A segment identifying documents related to the line item.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M C506 REFERENCE M**

Identification of a reference.

**M 1153 Reference qualifier M an..3**

Code giving specific meaning to a reference segment or a reference number.

BM Bill of lading number

Reference number assigned to a bill of lading, see:

1001 = 705. SE Serial number

Identification number of an item which distinguishes this specific item out of an number of identical items.

ZZZ Mutually defined reference number

Number based on party agreement.

**1154 Reference number C an..35**

Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

**1156 Line number C an..6**

Number of the line in the document/message referenced in 1154

Reference number.

**Segment: UNT Message Trailer**

**Position:** 1040

**Group: Level:** 0

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

**Data Component**

**Data Element Summary**

**Element Element Name Attributes**

**M 0074 NUMBER OF SEGMENTS IN A MESSAGE M n..6**

Control count of number of segments in a message.

**M 0062 MESSAGE REFERENCE NUMBER M an..14**

Unique message reference assigned by the sender.