

# Batch-managed material validation in Ship Notice creation CSC-43917

Target GA: February, 2025



## Feature Overview

# Introducing: **Batch-managed material validation in Ship Notice creation**

## **CSC-43917**

### **Feature Description**

- This feature enables buyers to make the Supplier Batch ID mandatory during the ASN creation and enhances the validation for Production and Expiry dates for Batch-managed materials.
- These new validations are applied to Ship Notices created in the portal, to Ship Notices created through the Excel/CSV mass upload and to integrated Ship Notices.

### **Key Benefits**

By providing flexibility to customers to make the Supplier Batch ID mandatory during the creation of the Ship Notice, the traceability of the material is ensured.

#### Audience:

- Buyers and Suppliers

#### Enablement Model:

- Customer Configured

#### Applicable Solutions:

- SAP Business Network Supply Chain Collaboration

# Prerequisites

- The following business rule needs to be enabled by the buyer administrator:  
*(it's disabled by default and once enabled two subrules are shown)*

Require suppliers to provide the item supplier batch ID on ship notices if requiresBatch indicator is present in the Order.



Require suppliers to enter production date



Require suppliers to enter expiry date

- The following indicator must be present at PO item level in the cXML document:  
*(CIG integration already exists for this indicator)*

```
<ItemOut quantity="1200.000" requestedDeliveryDate="2024-12-30T12:00:00+02:00" lineNumber="00010" agreementItemNumber="00010">
  <ItemID>
    <SupplierPartID/>
    <BuyerPartID>000000000008115539</BuyerPartID>
  </ItemID>
  <ItemDetail>
    <Contact role="BuyerPlannerCode">
      <Name xml:lang="EN">Pallet Mats,Tapes</Name>
      <IdReference identifier="Z20" domain="BuyerPlannerCode">
        <Description xml:lang="EN">Pallet Mats,Tapes</Description>
      </IdReference>
    </Contact>
    <ScheduleLine quantity="1200.000" requestedDeliveryDate="2024-12-30T12:00:00+02:00" lineNumber="0001">
      <UnitOfMeasure>PCE</UnitOfMeasure>
    </ScheduleLine>
    <ItemOutIndustry>
      <BatchInfo requiresBatch="yes"/>
    </ItemOutIndustry>
  </ItemDetail>
</ItemOut>
```

# Feature Details

## Batch validation during online ASN creation

- Mandatory fields have a red wildcard next to each label:

The screenshot displays the 'Order Items' section of an online ASN creation interface. A table lists order items with columns: Order No., Line No., Part No., Customer Part No., Qty, Unit, Need By, Ship By, Unit Price, Subtotal, and Customer Location. The first item is PO1\_180724\_M3, Line No. 1, Part No. 10000917, Qty 180.000, Unit EA, Need By 11 Oct 2022, Ship By, Unit Price 1.00 EUR, Subtotal 180.00 EUR, and Customer Location 1110. Below the table, there are fields for 'Supplier Batch ID \*', 'Country of Origin' (with a dropdown menu showing '- Select Country -'), 'Production Date \*', and 'Expiry Date \*'. Each of these four fields is highlighted with a red box. A yellow callout box points to these fields with the text: 'Validations applied to Supplier Batch ID, Production Date and Expiry Date based on new rule and subrules'. There is also an 'Add Ship Notice Line' button at the bottom left.

- Error message is displayed after clicking 'Next' button:

This screenshot shows the same interface as the previous one, but with error messages displayed. The 'Supplier Batch ID \*', 'Production Date \*', and 'Expiry Date \*' fields are now marked with a red exclamation mark and the text '! Required field'. The 'Country of Origin' dropdown menu also shows a red exclamation mark and '! Required field'. The 'Add Ship Notice Line' button is still present at the bottom left. The 'Download PDF' and 'Add Details' buttons are now visible on the right side of the form.

# Feature Details

## Batch validation during ASN creation through ASN Excel upload

Item Ship Notice Line Number (*)	Item Line Number (*)	Item Parent Line Number	Item Supplier Part ID	Item Quantity (*)	Item Unit Of Measure (*)	Item Unit Price Currency	Item Unit Price Amount	Item Description	Item Hazard Code	Item Hazard Domain	Item Hazard Description	Item Batch ID	Item Asset Tag
10	1			20	EA	EUR		1 Bio Salatkartoffel 10x1 kg					
20	2			40	EA	EUR		1 Test Artikel Mehrgewerpack				ItemBatch_Line20	
30	3			10	EA	EUR		1 Bio Karotten 8x1 kg					
40	4			10	EA	EUR		1 Bio Karotten 8x1 kg					
50	5			10	EA	EUR		1 Bio Karotten 8x1 kg					

Results

Excel upload failed with the following errors

The ship notice ASN1\_PO1Exc\_220724\_M3 has the following errors:

Mapping failure: Supplier Batch ID is required for ship-notice line item 1. The ship-notice line item corresponds to order line item 10 in order PO1Exc\_220724\_M3.

There were errors found in the uploaded excel file. Please fix and re-upload.

Name	Type	Last Uploaded	Last Uploaded By	Status	File	Log
ASN1Exc_Upload1	Ship Notice	22 Jul 2024 2:54:31 PM	fnSmith lnJohn	Failed	<a href="#">↓</a>	<a href="#">↓</a>

# Feature Details

## Batch validation during ASN creation through CSV upload

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP
1																					
2																					
3	Ship To State	Ship To Coun	Ship To Coun	Carrier name	Tracking Nun	Tracking Dat	Shipping Met	Item Ship No	Item Line Num	Item Parent L	Item Supplier	Item Quantit	Item Unit Of	Item Unit Pric	Item Unit Pric	Item Descrip	Item Hazard	Item Hazard	Item Hazard	Item Batch ID	Item As
4	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Required	Required	Optional	Optional	Required	Required	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
5	String	String	String	String	String	Date	String	Integer	Integer	Integer	String	Decimal	String	String	Decimal	String	String	String	String	String	String
6	Ship To state	Ship To coun	Ship To coun	Carrier name	Tracking num	Tracking date	Shipping met	Ship notice li	Purchase ord	Parent line ni	Supplier Part	Item quantity	UN/CEFACT	Unit price cu	Unit price arr	Item descripi	Item hazard c	Item hazard c	Item hazard c	Item batch ID	Item as
7	AUT	AUT	AUT					10	1			20	EA	EUR		1	Bio Salatkart				
8	AUT	AUT	AUT					20	2			40	EA	EUR		1	Test Artikel M			ItemBatch_Line20	
9	AUT	AUT	AUT					30	3			10	EA	EUR		1	Bio Karotten				
10																					
11																					

Business Network

### Import CSV Ship Notice

Upload Errors

Document Number	Error ↑
ASN1_PO1Exc_220724_M3	Mapping failure: Supplier Batch ID is required for ship-notice line item 1. The ship-notice line item corresponds to order line item 10 in order PO1Exc_220724_M3.

[Download Errors](#)

# Feature Details

## New batch related columns in Ship Notice report

The screenshot shows the SAP Business Network interface. At the top, there is a navigation bar with 'Home', 'Enablement', 'Integration', 'Discovery', 'Workbench', 'Orders', 'Fulfillment', 'Invoices', 'Payments', and 'More'. Below this is a 'Reports' section with a sub-header 'Report Templates'. A table lists several report templates, with 'Report1\_ASN' selected. Below the table are 'Run' and 'Download' buttons.

Title ↑	Schedule Type	Report Type	Status
<input checked="" type="radio"/> Report1_ASN	Manual	Ship Notice	Processed
<input type="radio"/> ReportTest1			
<input type="radio"/> ReportTest_PO			
<input type="radio"/> ShipNoticeReports_Supplier			

The following columns have been added to the Ship Notice Report: Production date, Expiration date and Country of Origin

The screenshot shows a data table with the following columns: Receipt Number, Goods Receipt Date and Time, Receipt Line Number, Total Received Quantity, Total Returned Quantity, Received Quantity in Receipt, Returned Quantity in Receipt, Country of Origin, Production Date, and Expiry Date. The last three columns are highlighted with a yellow box.

Receipt Number	Goods Receipt Date and Time	Receipt Line Number	Total Received Quantity	Total Returned Quantity	Received Quantity in Receipt	Returned Quantity in Receipt	Country of Origin	Production Date	Expiry Date
							AU	29 Jul 2024	1 Aug 2024
							BD	31 Jul 2024	6 Aug 2024
								27 Jul 2024	31 Jul 2024

# Thank you.



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