

Migration Guide

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# Customs Management Plug-in for SAP®

Changing the nature of transaction

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Date: January 10, 2022

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# 1 Introduction

For 2022, the nature of transaction codes are changing. For further details, please refer to <https://service.aeb.com/hc/en-us/articles/4406214876433>.

» In the article, you can also find out when this change will be implemented in the individual national reporting procedures.

## 2 New nature of transaction codes: What do I need to do?

1. Clarify in advance whether you can define unique mappings for old nature of transaction codes to the new codes.
2. Enter the new nature of transaction codes in the SAP® master data or change the existing logic for determination in the line items.  
For further details, please refer to <https://wiki.scn.sap.com/wiki/x/FIJ5Fw>.
3. Check the existing settings or logics for determining the nature of transaction in the interface to AEB and change them if necessary.  
see section 3 on page 1.
4. It is best to test your processes in a test system.
5. Enable these changes in the SAP production system as from January 15, 2022.
6. After January 15, 2022, check whether the correct nature of transaction is entered in your transactions.

## 3 How can the nature of transaction be determined?

The nature of transaction can be determined in three different ways:

- Via the standard determination of the SAP plug-in, i.e. from the field of the SAP standard or
- Via a customized interface of the plug-in (BAdI implementation) or
- Via a template defined in Export Filing: ATLAS or Customs Management

### 3.1 In SAP ERP ECC 6.0: via standard determination of the plug-in

In SAP ERP ECC 6.0, the AEB plug-in transfers the technical field EIPO-EXART via the interface. The field can be found in the line item at the following location:

- If you use the invoice as the source object for the transfer, the interface of the plug-in determines the value from the invoice item – *ForTrade/Customs – Origin / Destination / Business*.

The screenshot displays the SAP ERP ECC 6.0 interface for 'Pro Forma Inv f Div 90039002 (F8) Display: Item Data'. The main header shows 'Billing items' and 'Accounting' tabs. The item details section includes fields for Item (10), Item category (TAN), Material (BM-0200-000), and Batch. The 'ForTrade/Customs' tab is active, showing 'Origin / Destination / Business' data. The 'Legal categorization' section is expanded, showing 'Origin / Destination / Countries involved' with 'Ctry of origin' (DE 004 Germany) and 'Region of origin' (08 Baden-Wuerttemberg). The 'Business' section shows 'Export procedure' (10000) and 'BusTransactType' (11 Final Purchase/Sale).

- If you use the shipment as the source object for the transfer, the interface of the plug-in determines the value from the delivery item – *ForTrade/Customs – Origin / Destination / Business*.

### 3.2 In SAP S/4HANA: via standard determination of the plug-in

In SAP S/4HANA, the AEB plug-in transfers the technical field LIPS-EXART via the interface. This field is not displayed in the delivery note item.

### 3.3 Customization of the interface

The nature of transaction can also be determined in your SAP system by customizing the interface. This is done in a BAdI (Business Add-In). Depending on which version of the interface and which source object you are using, you will find the customization option in different BAdIs.

- » If you do not change the nature of transaction codes via the interface for ATLAS Export in time for the deadline, your AEB application can also translate the nature of transaction codes transferred via the interface for a transition period.

Details in German can be found in the AEB Help Center at <https://service.aeb.com/hc/de/articles/4413306731665>.

### 3.3.1 Older interface (ATLAS Export)

Proceed as follows:

1. Check whether active BAdI implementations exist in your SAP system. If this is the case, then use this older interface.
  - BAdI for source object invoice: /AEB/AA\_AM\_INV\_IDC02
  - BAdI for source object shipment: /AEB/AA\_AM\_SHP\_IDC02
2. Search within the active BAdI implementations to see if the NATUREOFTRANSACTION field is adjusted by a custom logic.

This field is located in the /AEB/AA\_AM02\_ITM\_PSG or ATLAS\_HEAD\_PSG segment.

### 3.3.2 Newer interface (Customs Management)

Proceed as follows:

1. Check whether active BAdI implementations exist in your SAP system. If this is the case, then use this newer interface.

Business object	BAdI
Delivery	/AEB/AES_CONS_SDV_01
Shipment	/AEB/AES_CONS_SHP_01
Invoice	/AEB/AES_CONS_INV_01
Purchase document	/AEB/AES_CONS_PD_01
Incoming invoice	/AEB/AES_CONS_II_01
Freight order	/AE1/AES_CONS_FRO_01

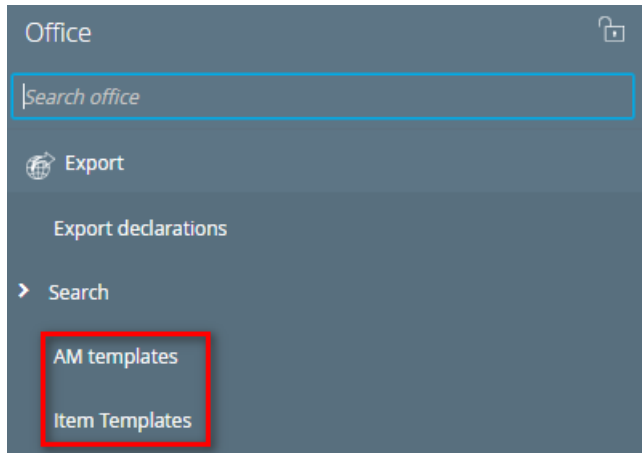
2. Search within the active implementations to see if the TRANSACTION\_NATURE\_CODE field is adjusted by a custom logic. The field is located in the interface /AEB/IF\_AES\_PB\_DITM\_DE\_DO (extension item).

## 3.4 Template in Export Filing: ATLAS or Customs Management

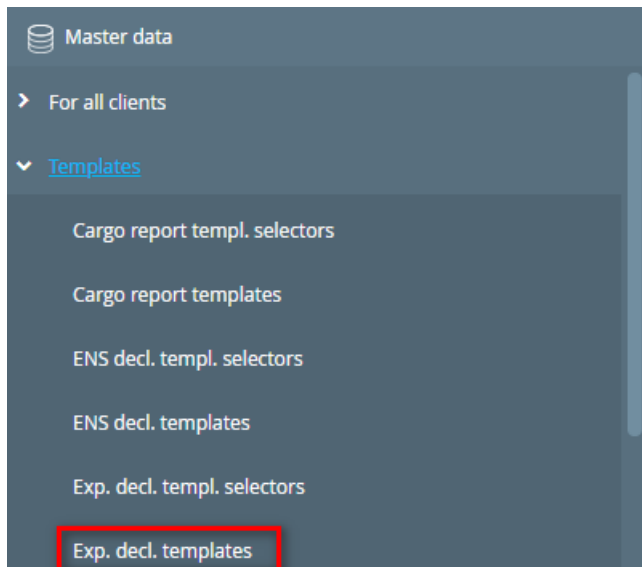
If you neither use the standard determination of the plug-in nor have customized the interface in SAP, the nature of transaction is likely set by a so-called template in Export Filing: ATLAS or Customs Management.

Proceed as follows:

1. Log in to the application and check if the templates used need to be adjusted.
2. The nature of transaction can be set in Export Filing: ATLAS via an AM template at the header level or via an item template at the item level:



In Customs Management, the nature of transaction can also be set via a template at the header level or via an item template. You can find both of them under *Exp. decl. templates*, for example.



3. If you still have questions about the maintenance of the templates, use the online help, which you can open by pressing **F1**.

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