

# Overview

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## Contents

- [AES \(Automated Export System\) Transmission Overview](#)
- [AES \(Automated Export System\) Screen Demo](#)
- [AES Filing Specifications](#)
- [AES Filing Response Messages](#)
- [Training recordings](#)
  - [AES screen functionality](#)
  - [Transmission + Reply Import](#)
  - [AES Code Overview - Part 1](#)
  - [AES Code Overview - Part 2](#)
  - [More AES links](#)
- [Grouping](#)
- [Summarizing /Exemption Determination](#)
- [AES Validations for Transmit](#)
  - [AES Validate Category XXI Determination Number](#)
- [AES Exemption warnings functionality](#)
- [Option 4 Filing](#)
  - [Flow documentation](#)
- [AES Transmission Refactor](#)
- [AES Validation Refactor](#)
  - [AES Validation Refactor to fix Veracode Issues](#)
- [AES - Modified License Fields, added current and Last Tran...](#)
- [Generic File Export](#)
  - [VDS License Type Code Specifics](#)
- [AES License Codes validations](#)
  - [AES Validation for C38](#)
  - [AES Validation for C60](#)
  - [AES Validation for C65](#)
  - [AES Validation for C67](#)
  - [AES Validation for C68](#)
  - [AES Validation for C70](#)
  - [AES Validation for C73](#)
  - [AES Validation for C74](#)
  - [AES Validation for Invalid Codes](#)
- [SLI Report](#)
  - [Update references of "FORWARDER" to "AUTHORIZED AG..."](#)
- [Category XXI Field](#)
  - [Category XXI in AES Validations](#)
  - [Category XXI In .abi Transmit Files](#)
  - [5C2 Reply Code Display in Reports/Request Summary Page](#)

- [AES Report](#)

## AES (Automated Export System) Transmission Overview

- [AES Transmission UI Change - Authorized Agent](#)

- Recording: [AES Validation changes - Authorized Agent](#)

<https://trten.sharepoint.com/:v/s/transactionteam/EW0bHuiNDF1KkJHqfOvjTUBrt3Zq9yRV3PTeML6QRa6Zg?e=y4Oni4>

• [Added IEC for C70 in AES transmission file](#)

- Slides:

• [AES Validation for Category Code 55](#)

[https://trten.sharepoint.com/:p/s/transactionteam/Eft6tuVMW2hBrg\\_8m1n\\_8E0BTWFqC\\_QWOze9bXCOfeSicce22921D](https://trten.sharepoint.com/:p/s/transactionteam/Eft6tuVMW2hBrg_8m1n_8E0BTWFqC_QWOze9bXCOfeSicce22921D)

• [Added nolock in queries related to AES](#)

• [Added nolock in queries, in AES Generic File Export/Import...](#)

• [Added C73 > AIA & C74 > ACM logic in AES transmission...](#)

## AES (Automated Export System) Screen Demo

- Recording:

<https://trten.sharepoint.com/:v/s/transactionteam/ETUYLL9egRZLjK2B8SjMB0oBoalFcdGc7KCzeQY-EMv1g?e=Ofkanz>

## AES Filing Specifications

### [Automated Export System Interface Requirements](#)

1. Transmission file structure is explained from pages 13-75.
2. Reply file structure is explained from pages 76-90.

## AES Filing Response Messages

- Latest version - [Automated Export System Commodity Filing Response Messages](#)
- Outdated as of April 2024: [Filing Response Messages](#)

## Training recordings

### AES screen functionality

[https://trten.sharepoint.com/:v/s/transactionteam/ERljUNEbCmBlq8qwxCCm\\_8EBHpp8tMt1bONWL52MsdkHaA?e=2firnY](https://trten.sharepoint.com/:v/s/transactionteam/ERljUNEbCmBlq8qwxCCm_8EBHpp8tMt1bONWL52MsdkHaA?e=2firnY)

### Transmission + Reply Import

<https://trten.sharepoint.com/:v/s/transactionteam/Eb2EnxnANgBPkKVWUyWCsFUBPp4a-PJ9RUcwF3Wckbw9aA?e=OXJ2Au>

### AES Code Overview - Part 1

[https://trten.sharepoint.com/:v/r/sites/transactionteam/Shared%20Documents/General/Recordings/Fire%20Fawkes%20Technical%20Demo%20Series%2022.4-20220805\\_150346-Meeting%20Recording.mp4?csf=1&web=1&e=ZuDDf0](https://trten.sharepoint.com/:v/r/sites/transactionteam/Shared%20Documents/General/Recordings/Fire%20Fawkes%20Technical%20Demo%20Series%2022.4-20220805_150346-Meeting%20Recording.mp4?csf=1&web=1&e=ZuDDf0)

### AES Code Overview - Part 2

[https://trten.sharepoint.com/sites/transactionteam/Shared%20Documents/General/Recordings/Fire%20Fawkes%20Technical%20Demo%20Series%2022.4-20220812\\_113255-Meeting%20Recording.mp4?web=1](https://trten.sharepoint.com/sites/transactionteam/Shared%20Documents/General/Recordings/Fire%20Fawkes%20Technical%20Demo%20Series%2022.4-20220812_113255-Meeting%20Recording.mp4?web=1)

## More AES links

### [US Government Resources](#)

## Grouping

When information is promoted from Invoice Management into AES, the line item information is grouped based on regulatory requirements.

If Line Item grouping is enabled in configuration file (See [relevant "summarize\\_details" tag here](#)), the Line Items from Invoice Management will be grouped by the following fields:

- ExportCode
- RptQtyUOM
- AddlRptQtyUOM
- WeightUOM
- LicenseTypeCode
- LicenseNum
- ExportTariffNum
- First 5 characters of ECN
- Origin of goods (case when CountryOfOrigin is US, PR or VI then 'Domestic' else 'Foreign' end)
- VehicleFlag
- VehicleIDType
- VehicleIDNum
- VehicleTitle
- VehicleTitleState
- DDTCITARExemptionNum
- DDTCRegistRationNum
- DDTCMilitaryFlag
- DDTCEligiblePartyFlag
- DDTCUSMLCategory
- LicenseUOM
- Marks
- DDTCUSMLCategory21Number

**NOTE:** If any of the above fields is different across line items, a new group will be considered.

Example:

Items in CISLI:

| Line Number | Product Desc | Tariff Num | ECN Num | Marks  | Total Value |
|-------------|--------------|------------|---------|--------|-------------|
| 1           | PAPER 1      | 8413702005 | EAR99   | test 1 | 2000        |
| 2           | PAPER 2      | 8413702005 | EAR99   | test 1 | 2000        |
| 3           | PAPER 3      | 8413702005 | EAR99   | test 2 | 1000        |

Items in AES after grouping:

| Line Number | Product Desc | Tariff Num | ECN Num | Marks  | Total Value |
|-------------|--------------|------------|---------|--------|-------------|
| 1           | PAPER 1      | 8413702005 | EAR99   | test 1 | 4000        |
| 2           | PAPER 3      | 8413702005 | EAR99   | test 2 | 1000        |

## Summarizing /Exemption Determination

Summarizing logic will determine if a line item needs to be transmitted to CBP in the AES invoice. Line item will be transmitted to CBP if one of the following conditions is met:

- If the Total Value of a Line Item is above \$2,500.
- If DDTC USML Category for the Line Item is provided.
- If License Num for the Line Item is provided (Not "NLR").
- If Tariff Num for the Line Item starts with 710210, 710221 or 710231.
- If Transport Vehicle information for the Line Item is provided (VehicleFlag = 'Y' ).
- If ECN Num for the Line Item belongs to the 600 series (The 3rd digit is 6).
- If ECN Num for the Line Item starts with 9A515, 9D515 or 9E515.
- If Country of Destination is Cuba (CU), Iran (IR), Korea (Democratic People's Republic) (KP) or Syrian Arab Republic (SY).
- If Country of Destination is China (CN), Russia (RU), Venezuela(VE) or Hong Kong (HK) and the ECN Num for the Line Item is NOT "EAR99".

**⚠️ IMPORTANT: If the Tariff Num for the Line Item is marked as EXEMPT for the partner via Global Codes, the Line Item will NOT be transmitted to AES NO MATTER WHAT!!! ⚠️**

Query that brings back the Tariff Numbers setup to NOT be transmitted to CBP:

```
select * from tmgGlobalCodes with (nolock) where FieldName = 'AESEXEMPTTARIFFNUM' and PartnerID = @PartnerID
```

When a Line Item is set to NOT be transmitted due to any of the above reason, the "txdAESDetail.ExemptionFlag" will be set to "Y".

## AES Validations for Transmit

This validation include the below validation in tmgSQL table consumed by [ValidateAESTransmission](#), so it gets raised in AES Validation Messages when user tries to use [LicenseTypeCode "C64"](#) in the detail items and one of the below items is NOT fulfilled:

```
ECNNum MUST BE ONE OF 4A005, 4D001, 4D004, 4E001, 5A001, 5B001, 5D001, 5E001
ExportCode must NOT be 'UG'
ModeOftransport must NOT be 70
```

A SQL script needs to be created to insert the below query into tmgSQL and also insert the SQL GUID into tmgSQLUserList with UserGUID = "AES".

The query that validates that is the following

```
insert into txdaesvalidationwarnings
select eh.partnerid, getdate(), eh.AESGUID, '@VALIDATIONDESC@' as validationdesc, 'Line ' + cast(ed.LineNum as
    case when ed.ECNNum NOT IN ('4A005', '4D001', '4D004', '4E001', '5A001', '5B001', '5D001', '5E001') then '
    case when ed.ExportCode = 'UG' then '<li>Invalid ExportCode selected (valid values: all except UG).</li>'
    case when eh.ModeOfTransport = '70' then '<li>Invalid ModeOfTransport selected (valid values: all except 7
    '</ul>' as [validationwarning], 'N', 'N'
from txdaesheader eh with (nolock)
join txdaesdetail ed with (nolock) on
    ed.AESGUID = eh.AESGUID and
    ed.PartnerID = eh.PartnerID
where
    eh.AESGUID = '@AESGUID@' and
    eh.PartnerID = @PARTNERID@ and
    ed.LicenseTypeCode = 'C64' and NOT
    (
        ed.ECNNum IN ('4A005', '4D001', '4D004', '4E001', '5A001', '5B001', '5D001', '5E001') AND
        ed.ExportCode <> 'UG' AND
        eh.ModeOftransport <> 70
    ) AND
    not exists (select * from tmgGlobalCodes with (nolock) where FieldName = 'AESEXEMPTTARIFFNUM' and PartnerI
```

And finally when we click on the transmit link we can see the validation on the screen:

**ONEROUTE GLOBAL TRADE**

Request Management Integration Decision Tree Classification Origin FTA Entry Verification Import Export DPS Content Analyzer ABI Knowledge Network

Brian Soria ▾

New Reload Save and Validate Transmit Generate SLI Exit

AES Transmission

Back

Transmission: CERTIFICATION [ ]

Current  Completed

Shipment Reference Num: AESLICENSE1 (NOT SENT)

| Missing a shipment? |                  |             |             |             |                       |                      |                     |                     |             |
|---------------------|------------------|-------------|-------------|-------------|-----------------------|----------------------|---------------------|---------------------|-------------|
| OrderNumShip        | Shipment Ref Num | Invoice Num | Order Num   | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name | Export Date |
| Remove AESLicense1  | AESLicense1      | AESLicense1 | AESLicense1 | 12345       |                       | 951738642096         | CA                  | SellerName          | 2022-05-27  |

[ | < | 1 | > | ] 25 | ▾  
1 items in 1 pages

**VALIDATION ERRORS** **HEADER AND TRANSPORTATION** **PARTIES** **COMMODITY DETAILS**

| Effective Date       | Description                        | Message  |
|----------------------|------------------------------------|--|
| 4/27/2022 2:54:15 PM | LicenseTypeCode C64 valid licenses | Line 1 - Invalid data requirements for LicenseTypeCode C64:<br><ul style="list-style-type: none"> <li>• Invalid ECNNum selected (valid values: 4A005, 4D001, 4D004, 4E001, 5A001, 5B001, 5D001, 5E001)</li> <li>• Invalid ExportCode selected (valid values: all except UG)</li> <li>• Invalid ModeOfTransport selected (valid values: all except 70)</li> </ul> |

## AES Validate Category XXI Determination Number

- Check if the field DDTCUSMLCategory is set to 21 if it is wrong will show the message: "Category XXI Determination Number is only applicable for USML Category Code 21"
- Checks if the field DDTCUSMLCategory21Number is filled with the correct format entries ("AA-#####-##", "AA#####") if it is wrong will show the message: "Please provide a Category XXI Determination Number in the format AA-#####-## or AA#####"

## AES Exemption warnings functionality

We can use this tool to determine if the shipment is exempt from electronic reporting to AES as outlined, also see all group by origin D(Domestic) or F(Foreign) by clicking here (Evaluate AES Exemptions)

### Export Management

New Save and Validate Save as Template Reload  
 Current Shipment: SummScenario7 - SummScenario7 (PROCESSED - ON HOLD)

This will open a popup with some more information similar to this:

**EVALUATE AES**

**Test Translation**

**Use of this tool can help you determine if your shipment is exempt from electronic reporting to AES as outlined in 15 FTR 30.2 and CFR 758.1.**

**This shipment must be filed electronically with AES.**

---

**\$2,500 EXEMPTION** X

Except as noted in Sec. 30.2(a)(1)(iv), shipments being sent from one USPPI to one consignee located in a single country of destination on a single conveyance on the same day must be filed on an EEI when the value of the goods is over \$2,500 per Schedule B or HTSUSA commodity classification code. This exemption does not apply, and this shipment must be filed electronically with AES:

- 0901210035 / D (\$5000.00).
- 0901210035 / D (\$4000.00).
- 0901210035 / F (\$3200.00).

**LICENSED ITEMS** ✓

◀ ▶

In the example we have 3 rows the first with D \$4000 and the second with D \$ 5000, third with F \$3200.

So to understand how all is group is important to know the following rule (if the CountryOfOrigin is (US, VI or PR) then Origin will be 'D' as in the next table

| ExportTariffNum | CountryOfOrigin | Totalvalue | Origin |
|-----------------|-----------------|------------|--------|
| 0901210035      | TH              | 1600       | F      |
| 0901210035      | US              | 5000       | D      |
| 0901210035      | CA              | 1600       | F      |
| 0901210035      | VI              | 2000       | D      |
| 0901210035      | PR              | 2000       | D      |

But we still having some differences between the result on the screen and this table, this is because of the next rules

if Totalvalue > 2500 the value should be alone (each row), so now we have 3 groups:

### GROUP 1

| ExportTariffNum | CountryOfOrigin | Totalvalue | Origin |
|-----------------|-----------------|------------|--------|
| 0901210035      | US              | 5000       | D      |

### GROUP 2

| ExportTariffNum | CountryOfOrigin | Totalvalue | Origin |
|-----------------|-----------------|------------|--------|
| 0901210035      | VI              | 2000       | D      |
| 0901210035      | PR              | 2000       | D      |

### GROUP 3

| ExportTariffNum | CountryOfOrigin | Totalvalue | Origin |
|-----------------|-----------------|------------|--------|
| 0901210035      | TH              | 1600       | F      |
| 0901210035      | CA              | 1600       | F      |

Finally if we sum the values we'll have 3200: 4000: 5000, Country of origin won't be considered since summarized line items total value will be filled as one so the new group has combination of VI and PR in it ; it will file line item as Origin D to Customs, just the Origin and after sum the values of each group, the new table should be this, just the same as in the screen:

### Screen table

| ExportTariffNum | Totalvalue | Origin |
|-----------------|------------|--------|
| 0901210035      | D          | 5000   |
| 0901210035      | D          | 4000   |
| 0901210035      | F          | 3200   |

Then we can click to AES Transmission for more details:

[Void](#) [Undo Shipment Processing](#) [Evaluate AES Exemptions](#) [AES Transmission](#) **AES Transmission** [Finalize](#) [Exit](#)

And After going to the Commodity Details we can have some information and is important here that the Origin Code follows the next rules:

The screenshot shows the 'Commodity Details' tab selected in a software interface. A warning message '0001 This commodity line item will not be transmitted.' is displayed, with three bullet points: 'This commodity line item was previously transmitted and accepted but will not be included in this shipment.', 'All quantities, values, and weights for this commodity line item are 0.', and a link 'Show Quantities and Values'. Below this, there are fields for Tariff (0901210035), ECCN (EAR99), Origin Code (D), Commodity Description (Paper), and various quantity and weight fields. The 'Current' and 'Last Transmitted' columns show 0.00, and the UOM is KG. The 'Primary Quantity' and 'Secondary' columns also show 0.00.

1. By exportCode
2. RptQtyUOM
3. AddlRptQtyUOM
4. LicenseTypeCode
5. ExportTrufNum
6. ECNNUM
7. Same rule origin will be D if the country is in ('US','PR','VI') if not it will be F

We can see from the DB this

|   | PartnerID | ExportCode | RptQtyUOM | AddlRptQtyUOM | LicenseTypeCode | LicenseNum | ExportTariffNum | ECNNum | Origin | VehicleFlag | VehicleIDType | VehicleIDNum | VehicleTitle | VehicleTitleState |
|---|-----------|------------|-----------|---------------|-----------------|------------|-----------------|--------|--------|-------------|---------------|--------------|--------------|-------------------|
| 1 | 2031      |            | EA        |               |                 |            | 0901210035      |        | D      |             |               |              |              |                   |
| 2 | 2031      |            | KG        |               | C33             |            | 0901210035      |        | F      |             |               |              |              |                   |
| 3 | 2031      | OS         | KG        |               | C33             |            | 0901210035      | EAR... | D      |             |               |              |              |                   |

## Option 4 Filing

### Process Flow - Overview

In order to use Option 4, the below requisites need to be fulfilled:

- Setup config section for option 4: "configuration/export/aes/option4".
- Setup a record at the table tmdAESFilerIDMap with the FilerId the same as for the option4 tag at: "configuration/export/aes/option4"
- Make sure ITN (txdAESIHeader.AESITN) is empty. Otherwise AES has already been filed.

- This is no longer applicable by | 1500705 AES - Filing Option Mismatch After Changing Filer ID in GP Shipments | Closed .
- **Now, if an already filed and accepted shipment is re-processed in CISLI and FilerID changes, the Option4 validation will be re-run.**
- One of the following is met:
  - ExportDate is set to the past, meaning that the shipment was already exported, before filing AES. This is Post-departure filing.
  - Config attribute at "/configuration/export/aes/option4/filerid[@filing\_option\_override]" is "Y".
  - Config attribute at "/configuration/export/aes/option4/filerid[@always\_enabled]" is set to "Y" to use Option4 as standard filling without considering other rules then about Invalid Country, Invalid Tariff Number and Rought Diamonds.
- If one of the above items pass, it will run the below query. If any of the result counts is higher than 0, AES will NOT use Option 4:

```

select count(distinct c.Code) as InvalidOption4Country, count(distinct ad.TariffNum) as InvalidOption4Tariff,
from txdAESHeader ah with (nolock)
left join tmdAESOption4IneligibleCountry c with (nolock) on
    c.Code = ah.DestinationCountry and
    c.PartnerID = ah.PartnerID
left join txdAESDetail ad with (nolock) on
    ad.AESGUID = ah.AESGUID and
    ad.PartnerID = ah.PartnerID and
    TariffNum in (select TariffNum from tmdAESOption4IneligibleTariff where PartnerID = ah.PartnerID)
left join txdAESDetail ad2 with (nolock) on
    ad2.AESGUID = ah.AESGUID and
    ad2.PartnerID = ah.PartnerID and
    (ad2.TariffNum like '710210%' or ad2.TariffNum like '710221%' or ad2.TariffNum like '710231%')
where
    ah.AESGUID = @AESGUID and
    ah.PartnerID = @PartnerID
  
```

## Flow documentation

- Lucidchart with 23.1 legacy behavior and new 23.2 behavior plans:
   
[https://lucid.app/lucidchart/13b83882-957a-40a5-bb9f-e23ddd4da71f/edit?  
viewport\\_loc=-361%2C289%2C2197%2C1083%2Cn42v0aT6ZLc1&invitationId=inv\\_8dfb94a6-59d2-405e-b4d4-a5693d21f60b](https://lucid.app/lucidchart/13b83882-957a-40a5-bb9f-e23ddd4da71f/edit?viewport_loc=-361%2C289%2C2197%2C1083%2Cn42v0aT6ZLc1&invitationId=inv_8dfb94a6-59d2-405e-b4d4-a5693d21f60b)
- Spreadsheet with all scenarios covered:
   
<https://trten.sharepoint.com/:x/s/GTMIntegrationPoint/EV437eD8Hf9Av0TLB53JGuYBpzX8s7zQeYUiVoWJKoI9xA?e=5ggghx>

## AES Transmission Refactor

Methods created as new commands to return the sql as string

- DeleteTransmissionCommand
- GetBatchControlNumberCommand
- LogTransmittedInvoicesCommand
- SetMonitoringFlagCommand

- UpdateResponseFlagCommand
- UpdateTransmissionStatusCommand

Classes moved into separate files

- AESHeaderInfo
- AESRecord
- GatewayQueue

## AES Validation Refactor

Change-sets considered in this refactoring:

Removed commented C59 validations warnings  
Refactored C59 validations  
Refactored C60 validations  
Added E01 refactored validations  
Refactored C62 validations  
Added VDS refactored validations  
Refactored N01 validations  
Refactored N02 validations  
Refactored SAG validations  
CL2 Validate Weight UOM and VDO classes added  
Refactored SAU validations  
Refactored SCA validations  
Refactored SGB validations  
Refactored S00 validations  
Refactored S05 validations  
OPA, T10, T11 and T12 validations added  
Refactored S61 validations  
Refactored S73 validations  
Refactored S85 validations  
Refactored S94 validations  
Refactoring adjustment for using the ttmSqlStatement

For More scenarios Please follow below Test suites:

[TestCases](#)

## AES Validation Refactor to fix Veracode Issues

[ValidateAESInvoice](#) Method refactor

Dim aesValidationDictionary As New Dictionary(Of String, String) -> new Dictionary to add all Validations

[Validations added example](#)

Code to execute all validation using SqlUtilityTransactedExecuteQuery and using only one connectionString

```

For Each keyDictionary In aesValidationDictionary.Keys
If aesValidationDictionary.TryGetValue(keyDictionary, sql) Then
    helper = New IntegrationPoint.Sql.Utility.Helper(sql)
    helper.AddParameter(PartnerIDParam)
    helper.AddParameter(ExportGuidParam)
    IntegrationPoint.Sql.Utility.SqlUtilityTransactedExecuteQuery(PartnerID, UserGUID, ConnectionString, helper)
End If
Next

```

## AES - Modified License Fields, added current and Last Transmitted Fields

### - UI changes

#### 1. Old UI for AES Transmission - Commodity Details Tab

|                          |     |                |              |                            |         |                      |               |        |                  |      |
|--------------------------|-----|----------------|--------------|----------------------------|---------|----------------------|---------------|--------|------------------|------|
| Export Code              | OS  | Origin Code    | D            | Show Quantities and Values |         |                      |               |        |                  |      |
| License Type Code        | C33 | License Number | CCL_700097_A | License Exemption          | GOV     | Show License Details |               |        |                  |      |
| DDTC Registration Number |     | Military Flag  |              | License Quantity           | Current | Last Transmitted     | License Value |        |                  |      |
| Eligible Party Flag      |     | USML Category  |              | Current                    | 20.00   | 0.00                 | Current       | 100.00 | Last Transmitted | 0.00 |
| Is Used Vehicle?         | N   |                |              |                            |         |                      |               |        |                  |      |

#### 2. New UI for AES Transmission - Commodity Details Tab

Now License Type Code, License Number and License Exemption these field also has both Current and Last Transmitted Values shown on UI along with License Quantity and License Value

|                          |              |               |              |                            |                       |                     |
|--------------------------|--------------|---------------|--------------|----------------------------|-----------------------|---------------------|
| 0003                     | Tariff       | 8486900000    | ECCN         | 3B991                      | Commodity Description | LicenseTestProduct4 |
| Export Code              | OS           | Origin Code   | D            | Show Quantities and Values |                       |                     |
| License Type Code        | C33          | Current       | C33          | Last Transmitted           |                       |                     |
| License Number           | CCL_700097_A | Current       | CCL_700097_A | Last Transmitted           |                       |                     |
| License Exemption        | GOV          | Current       | GOV          | Last Transmitted           |                       |                     |
| License Quantity         | 20.00        | Current       | 0.00         | Last Transmitted           |                       |                     |
| License Value            | 100.00       | Current       | 0.00         | Last Transmitted           |                       |                     |
| DDTC Registration Number |              | Military Flag |              |                            |                       |                     |
| Eligible Party Flag      |              | USML Category |              |                            |                       |                     |
| Is Used Vehicle?         | N            |               |              |                            |                       |                     |

### - Query changes

Queries in below two files are modified to handle above UI change.

[GetNonSummarizedDetailsCommand.vb](#)

[GetSummarizedDetailsCommand.vb](#)

### - Test Case

[AESDetailsInfoIntegrationTests.cs](#)

## Generic File Export

In the xml files to generate the File Exports, there are few License Code types with right License Number inside the line CL2. The Team added some missing codes in sql queries for alignment with

Feature | 825317 AES: Update C60 License Code and Check Accuracy of Others - 2020 regulatory change

| Closed

Here the files to be updated within ogt-legacy\_partner\_config-preprod[-onprem]\*/[qa|reg]/GenericFileExport/AES:

- 10\_AES.xml
- 20\_AES.xml
- 30\_AES.xml
- 40\_AES.xml
- 50\_AES.xml
- 60\_AES.xml
- 70\_AES.xml
- AES.xml
- CA\_10\_AES.xml
- PR\_10\_AES.xml
- PR\_40\_AES.xml

Missing License Type Codes (there is one user story for each missing license):

| License Type Code | Corresponding License Num |
|-------------------|---------------------------|
| C60               | DY6                       |
| C62               | SCP                       |
| C64               | ACE                       |
| C65               | TGL                       |
| C66               | SCAL                      |
| VDO               |                           |

Updates to Sql Query under `data_mappings/data_mapping/line[@name="CL2"]`

```

select 'CL2' as RecordIdentifier, case ExportCode when 'HH' then '' else TariffNum end as TariffNumber, case E
case ExportCode when 'HH' then 0 else CEILING(RptQty) end as PrimaryQty,
CEILING(TotalValue) as Value,
case ExportCode when 'HH' then '' else AddlRptQtyUOM end as SecondaryUOM,
case ExportCode when 'HH' then 0 else CEILING(AddlRptQty) end as SecondaryQty,
CEILING(Weight) as Weight, ECNNUM,
case when LicenseTypeCode in ('C30', 'C31', 'N01', 'N02', 'SAU', 'SGB', 'S05', 'S61', 'S73', 'S85', 'S
...
when LicenseTypeCode = 'C60' then 'DY6'
when LicenseTypeCode = 'C62' then 'SCP'
when LicenseTypeCode = 'C64' then 'ACE'
when LicenseTypeCode = 'C65' then 'TGL'
when LicenseTypeCode = 'C66' then 'SCAL'
when LicenseTypeCode = 'VDS' then ''
...

```



Once user hits button "Transmit" from AES Transmission screen for a Shipment ready to be transmitted, making sure at least one of the Commodities is using between 'C60', 'C62', 'C64', 'C65', or 'C66' as License Type Codes like in the example:

| Line Num | Product Num               | Product Description | License Type Code | Export Tariff Num          | Country Of Origin | ECN Num               |
|----------|---------------------------|---------------------|-------------------|----------------------------|-------------------|-----------------------|
| 1        | <a href="#">573207532</a> | Paper               | C64               | <a href="#">0901210035</a> | PR                | <a href="#">4A005</a> |
| 2        | <a href="#">573207532</a> | Paper               | C33               | <a href="#">0901210035</a> | VI                | <a href="#">EAR99</a> |
| 3        | <a href="#">573207532</a> | Paper               | C33               | <a href="#">0901210035</a> | CA                | <a href="#">EAR99</a> |
| 4        | <a href="#">573207532</a> | Paper               | C33               | <a href="#">0901210035</a> | BR                | <a href="#">EAR99</a> |
| 5        | <a href="#">573207532</a> | Paper               | C60               | <a href="#">0901210035</a> | US                | <a href="#">EAR99</a> |

AES Transmission

Back      New      Reload      Save and Validate      Transmit      Generate SU      Cancel Shipment      Exit

Transmission: CERTIFICATION

This EEI transmission is currently in Transmitted Status and pending response from Census.

Current    Completed

Shipment Reference Num: C60C64\_14 (PENDING REPLY)

|                     |                  |             |                 |
|---------------------|------------------|-------------|-----------------|
| OrderNumShip        | Shipment Ref Num | Invoice Num | ShipmentRefNum1 |
| Remove<br>C60C64_14 | C60C64_14        | C60C64_14   | C60C64_14       |

Missing a shipment?

1 items in 1 pages

File should be found in FTP for shipment just transmitted.

Remote site: /aes/incoming

|                           |
|---------------------------|
| 5001_GFIRegression_Test1  |
| 5001_Tab_Delimited_Import |
| 5002                      |
| abi                       |
| aes                       |
| incoming                  |
| outgoing                  |
| 2031                      |
| Anindya_Hotfix            |
| AnindyaTest               |
| archive                   |

| Filename  | Filesize | Filetype | Last modified             |
|---|----------|----------|---------------------------|
| 2031_743049567_C60C64_14_20230504172409310.abi    | 2,080    | ABI File | 04/05/2023 03:24:10 p. m. |
| 2031_743049567_C60C64_3_20230504155642772.abi     | 2,080    | ABI File | 04/05/2023 01:56:43 p. m. |
| 2031_743049567_AESTTMB50017_20230406151314948.abi | 1,920    | ABI File | 06/04/2023 01:13:15 p. m. |
| 2031_743049567_AESTTMB50010_20230406150724100.abi | 1,920    | ABI File | 06/04/2023 01:07:24 p. m. |
| 2031_743049567_AESTTMB50010_20230406145218162.abi | 1,600    | ABI File | 06/04/2023 12:52:17 p. m. |
| 2031_743049567_AESTTMB50012_20230406144057980.abi | 1,600    | ABI File | 06/04/2023 12:40:57 p. m. |
| 2031_743049567_AESTTMB50012_20230406143817341.abi | 1,600    | ABI File | 06/04/2023 12:38:17 p. m. |

Selected 1 file. Total size: 2,080 bytes

Download file and verify License Numbers added in XML files are included in file results.

Remote site: /aes/incoming

|                           |
|---------------------------|
| 5001_GFIRegression_Test1  |
| 5001_Tab_Delimited_Import |
| 5002                      |
| abi                       |
| aes                       |
| incoming                  |
| outgoing                  |
| 2031                      |
| Anindya_Hotfix            |
| AnindyaTest               |
| archive                   |

| Filename  | Filesize | Filetype | Last modified             |
|---|----------|----------|---------------------------|
| 2031_743049567_C60C64_14_20230504172409310.abi    | 2,080    | ABI File | 04/05/2023 03:24:10 p. m. |
| 2031_743049567_C60C64_3_20230504155642772.abi     | 2,080    | ABI File | 04/05/2023 01:56:43 p. m. |
| 2031_743049567_AESTTMB50017_20230406151314948.abi | 1,920    | ABI File | 06/04/2023 01:13:15 p. m. |
| 2031_743049567_AESTTMB50010_20230406150724100.abi | 1,920    | ABI File | 06/04/2023 01:07:24 p. m. |
| 2031_743049567_AESTTMB50010_20230406145218162.abi | 1,600    | ABI File | 06/04/2023 12:52:17 p. m. |
| 2031_743049567_AESTTMB50012_20230406144057980.abi | 1,600    | ABI File | 06/04/2023 12:40:57 p. m. |
| 2031_743049567_AESTTMB50012_20230406143817341.abi | 1,600    | ABI File | 06/04/2023 12:38:17 p. m. |

Selected 1 file. Total size: 2,080 bytes

```

A    7430495671512SVEXP202305085047 N743049567
B    74304956700E      SELLERNAME
SC1Y10CANC179 ODTTRANSMISSION13ACOVEYANCEEXAMPLENAME   2 32323100120230607 N
SC27012345          N
SC3           12345
N0174304956700EESELLERNAME
N02SFL1
N03SFCITY      NCUS29800
N0196851200000DCULTCOSCOMEX
NN02ULTCOSADDR1EX
N03UCCITYAESTEST      NYUS0000          D
N01FORWID00000DFFORWNAME
N02100 TRYON STREET
N03FORWCITY      EU49
CL10S 0001PAPER
↪ CL20901210035KG 00000001500000000300 0000000000000000100EAR99DY6 ↪
CL10S 0002PAPER
↪ CL20901210035KG 00000001500000001200 00000000000000001004A005ACE ↪
CL10S 0003PAPER
CL20901210035KG 00000001500000001400 0000000000000000100EAR99
ODT          21      KG 0000000  CJ-0813-12
CL10S 0004PAPER
CL20901210035KG 00000001500000001000 0000000000000000100EAR99
ODT          21      KG 0000000  CJ0104563
CL10S 0005PAPER
CL20901210035KG 00000001500000002000 0000000000000000100EAR99NLR
Y    74304956700E      SELLERNAME
Z    743049567          EXP202305085047    743049567

```

Note: Make sure that the following is set to "N" in the config file and credentials are correct, this way the File should be generated.

/configuration/export/aes/gateway/@debug

## Gateway credentials

```

<gateway enabled="Y" debug="N">
  <address>66.129.121.187</address>
  <port>21</port>
  <protocol>FTP</protocol>
  <username>ip_qa_test</username>

```

## FTP Credentials

Host: 66.129.121.187

username: IP\_QA\_Test

## VDS License Type Code Specifics

Covering | 874450 Correcting the AES transmission file for VDS | Closed

For scenarios like below, where Detail item has been assigned with a VDS License Type Code.

| HEADER  | PARTIES       | DETAILS | DELIVERY INSTRUCTIONS | ASSISTS            | PURCHASE ORDERS | EQUIPMENT | FEES | FTA |
|---------|---------------|---------|-----------------------|--------------------|-----------------|-----------|------|-----|
| GENERAL | DOCUMENTATION | NOTES   | SPREADSHEETS          | FILE TRANSMISSIONS |                 |           |      |     |

| Show/Hide Filter |   |          |             |                     |                   |                   |                   |         |
|------------------|---|----------|-------------|---------------------|-------------------|-------------------|-------------------|---------|
|                  |   | Line Num | Product Num | Product Description | License Type Code | Export Tariff Num | Country Of Origin | ECN Num |
| >                | < | 1        | 573207532   | Paper               | VDS               | 0901210035        | PR                | 4A005   |
| >                | < | 2        | 573207532   | Paper               | SAG               | 0901210035        | VI                | EAR99   |
| >                | < | 3        | 573207532   | Paper               | SCA               | 0901210035        | CA                | EAR99   |
| >                | < | 4        | 573207532   | Paper               | C63               | 0901210035        | BR                | 0A501   |
| >                | < | 5        | 573207532   | Paper               | T11               | 0901210035        | US                | EAR99   |

### File Results before User Story

| Record Identifier | License Type Code | ECN Num | License Num |
|-------------------|-------------------|---------|-------------|
| CL2               | VDS               | 4A005   | D34512      |

A 7430495671512SVEXP202305085047 N743049567

B 74304956700E SELLERNAME

...

CL20901210035KG 00000001500000001200 0000000000000000100 **4A005D34512** ↗

Y 74304956700E SELLERNAME

Z 743049567 EXP202305265057 743049567

### File Results before User Story

| Record Identifier | License Type Code | ECN Num | License Num |
|-------------------|-------------------|---------|-------------|
| CL2               | VDS               | 4A005   |             |

A 7430495671512SVEXP202305085047 N743049567

B 74304956700E SELLERNAME

...

CL20901210035KG 00000001500000001200 0000000000000000100 **4A005** ↗

Y 74304956700E SELLERNAME

Z 743049567 EXP202305265057 743049567

### AES License Codes validations

Currently supported AES validations for License Type Code (LicenseTypeCode field) can be found in [this spreadsheet](#).

## AES Validation for C38

Covering: | 901975 DEV: Documentation Wiki (Release and technical) | Closed

### AES Transmission

Back

Transmission: CERTIFICATION

Current  Completed

Shipment Reference Num: AESTEST\_38 (NOT SENT)

|        | OrderNumShip | Shipment Ref Num | Invoice Num | Order Num  | Booking Num | Master Bill Of Lading | House Bill Of Lading |
|--------|--------------|------------------|-------------|------------|-------------|-----------------------|----------------------|
| Remove | AESTEST_38   | AESTEST_38       | AESTEST_38  | AESTEST_38 |             |                       |                      |

K < 1 > M

### AES Transmission Message

- This shipment is not valid for Option 4 (Post-Departure) filing due to an ineligible destination country.

HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

|      |             |                      |             |                                |                            |                               |
|------|-------------|----------------------|-------------|--------------------------------|----------------------------|-------------------------------|
| 0001 | Tariff      | 8534000020           | ECCN        | Blank ECNNum is invalid for 38 |                            |                               |
|      | Export Code | CH                   | Origin Code | F                              | Commodity Description      | This is the parent ProductNum |
|      |             | Show License Details |             |                                | Show Quantities and Values |                               |
|      | Is Used     | N                    |             |                                |                            |                               |

### Validation Script

[https://dev.azure.com/tr-corp-tax/onesource-global-trade/\\_git/ogt-legacy\\_gtm-sql?path=/Database/Application/23.3/Release/V23.3.0913\\_DATA\\_tmgSQL\\_C38\\_VM.sql&version=GBdevelop&a=contents](https://dev.azure.com/tr-corp-tax/onesource-global-trade/_git/ogt-legacy_gtm-sql?path=/Database/Application/23.3/Release/V23.3.0913_DATA_tmgSQL_C38_VM.sql&version=GBdevelop&a=contents)

## AES Validation for C60

Covering: 874230 Correcting the validations for C60 | Closed

[Request Management](#) [Integration](#) [Decision Tree](#) [Classification](#) [Origin](#) [FTA](#) [Entry Verification](#) [Import](#) [Export](#) [DPS](#) [Content](#) [Analyzer](#) [ABI](#) [Knowledge Network](#)

## AES Transmission

[Back](#)[New](#) [Re](#)Transmission: **CERTIFICATION**
 Current  Completed
Shipment Reference Num: C60\_TESTING1 (NOT SENT) 

| OrderNumShip   | Shipment Ref Num | Invoice Num  | Order Num    | Booking Num | Master Bill Of Lading | House Bill Of Lading | Dest |
|--|------------------|--------------|--------------|-------------|-----------------------|----------------------|------|
| <a href="#">Remove</a> C60_Testing1  | C60_Testing1     | C60_Testing1 | C60_Testing1 |             |                       |                      | CA   |
| <input type="button" value=" &lt;"/> <input type="button" value="&lt;"/> <input type="button" value="1"/> <input type="button" value="&gt;"/> <input type="button" value=" &gt;"/> |                  |              |              |             |                       |                      |      |

HEADER AND TRANSPORTATION PARTIES **COMMODITY DETAILS**

| Valid ECNNum for C60                 |             |            |             |       |  |                               |  |
|--------------------------------------|-------------|------------|-------------|-------|--|-------------------------------|--|
| 0001                                 | Tariff      | 8534000020 | ECCN        | 0A617 | Commodity Description                      | This is the parent ProductNum |  |
|                                      | Export Code | CH         | Origin Code | F     | <a href="#">Show Quantities and Values</a> |                               |  |
| <a href="#">Show License Details</a> |             |            |             |       |  |                               |  |

## Validation Script

[https://dev.azure.com/tr-corp-tax/onesource-global-trade/\\_git/ogt-legacy\\_gtm-sql?path=/Database/Application/23.3/Release/V23.3.0924\\_DATA\\_tmgSQL\\_C60\\_VM.sql&version=GBdevelop&a=contents](https://dev.azure.com/tr-corp-tax/onesource-global-trade/_git/ogt-legacy_gtm-sql?path=/Database/Application/23.3/Release/V23.3.0924_DATA_tmgSQL_C60_VM.sql&version=GBdevelop&a=contents)

## AES Validation for C65

Covering: 874354 Correcting the validations for C65 | Closed

Shipment Reference Num: C65VALIDATION (NOT SENT) 

| OrderNumShip   | Shipment Ref Num | Invoice Num   | Order Num     | Booking Num | Master Bill Of Lading | House Bill Of Lading |
|--|------------------|---------------|---------------|-------------|-----------------------|----------------------|
| <a href="#">Remove</a> C65Validation   | C65Validation    | C65Validation | C65Validation | 12345       |                       | 951738642096         |
| <input type="button" value=" &lt;"/> <input type="button" value="&lt;"/> <input type="button" value="1"/> <input type="button" value="&gt;"/> <input type="button" value=" &gt;"/> |                  |               |               |             |                       |                      |

VALIDATION ERRORS HEADER AND TRANSPORTATION PARTIES **COMMODITY DETAILS**

| Valid ESNNum                         |             |            |             |       |  |       |  |
|--------------------------------------|-------------|------------|-------------|-------|--|-------|--|
| 0001                                 | Tariff      | 0901210035 | ECCN        | 4A005 | Commodity Description                      | Paper |  |
|                                      | Export Code | UG         | Origin Code | D     | <a href="#">Show Quantities and Values</a> |       |  |
| <a href="#">Show License Details</a> |             |            |             |       |  |       |  |
| <b>Is Used</b>                       |             |            |             |       |  |       |  |

## Validation Script

[https://dev.azure.com/tr-corp-tax/onesource-global-trade/\\_git/ogt-legacy\\_gtm-sql?path=%2FDatabase%2FApplication%2F23.3%2FRelease%2FV23.3.0926.1\\_DATA\\_tmgSQL\\_C65\\_VM.sql&version=GC73c3739197b46853ec73e3654f54d0a9c9cc9653](https://dev.azure.com/tr-corp-tax/onesource-global-trade/_git/ogt-legacy_gtm-sql?path=%2FDatabase%2FApplication%2F23.3%2FRelease%2FV23.3.0926.1_DATA_tmgSQL_C65_VM.sql&version=GC73c3739197b46853ec73e3654f54d0a9c9cc9653)

## AES Validation for C67

Covering: 1219906 AES Validations for C67 License Type Code | Closed

**ONESOURCE GLOBAL TRADE**

Integration Decision Tree Classification Origin FTA Entry Verification Import **Export** New Export DPS Content Analyzer ABI Knowledge Network

Transmission: NOT CONFIGURED

Current  Completed

**Shipment Reference Num:** C67TEST (NOT SENT)

|  | OrderNumShip | Shipment Ref Num | Invoice Num | ShipmentRefNum1 |
|--|--------------|------------------|-------------|-----------------|
| <input type="button" value="Remove"/>  | C67Test      | C67test          | C67Test     | C67Test         |
| <input type="button" value="First"/> <input type="button" value="Previous"/> <input checked="" type="button" value="1"/> <input type="button" value="Next"/> <input type="button" value="Last"/> |              |                  |             |                 |

**VALIDATION ERRORS** **HEADER AND TRANSPORTATION** **PARTIES** **COMMODITY DETAILS**

|                      |                                    |  |
|----------------------|------------------------------------|--|
| 5/30/2024 7:44:11 AM | LicenseTypeCode C67 valid licenses | <p>Line 3 - Invalid data requirements for LicenseTypeCode C67:</p> <ul style="list-style-type: none"> <li>• LicenseNum must be provided.</li> <li>• Invalid ECNNUM selected (valid values: 3A001, 3A090, 4A003, 4A004, 4A005, 4A090, 5A002, 5A004, 5A992, 5D002, 5D992).</li> <li>• Invalid ExportCode selected (valid values: all except CH, CI, HV, UG).</li> <li>• Invalid ModeOfTransport selected (valid values: all except 70).</li> <li>• LicenseValue must be provided.</li> </ul> |
| 5/30/2024 7:44:11 AM | LicenseTypeCode C67 valid licenses | <p>Line 1 - Invalid data requirements for LicenseTypeCode C67:</p> <ul style="list-style-type: none"> <li>• LicenseNum must be provided.</li> <li>• Invalid ECNNUM selected (valid values: 3A001, 3A090, 4A003, 4A004, 4A005, 4A090, 5A002, 5A004, 5A992, 5D002, 5D992).</li> <li>• Invalid ExportCode selected (valid values: all except CH, CI, HV, UG).</li> <li>• Invalid ModeOfTransport selected (valid values: all except 70).</li> <li>• LicenseValue must be provided.</li> </ul> |
| 5/30/2024 7:44:11 AM | Ultimate Consignee Required Fields | Ultimate Consignee is missing required information for AES transmission  |
| 5/30/2024 7:44:11 AM | Authorized Agent Required Fields   | Authorized Agent is missing required information for AES transmission  |
| 5/30/2024 7:44:11 AM | USPPI Required Fields              | USPPI is missing required information for AES transmission   |

Validation Script: [V24.3.0905 DATA tmgSQL C67 License Type SP.sql](#)

Integration Test: [AesValidationInvalidCodesIntegrationTests.cs](#)

## AES Validation for C68

Covering: | 1219913 AES Validations for C68 License Type Code | Closed

**ONESOURCE GLOBAL TRADE**

Integration Decision Tree Classification Origin FTA Entry Verification Import **Export** New Export DPS Content Analyzer ABI Knowledge Network

Transmission: NOT CONFIGURED

Current  Completed

**Shipment Reference Num:** C68REQ\_VALIDATION (NOT SENT)

|  | OrderNumShip      | Shipment Ref Num  | Invoice Num       | ShipmentRefNum1   |
|--|-------------------|-------------------|-------------------|-------------------|
| <input type="button" value="Remove"/>  | C68Req_validation | C68Req_validation | C68Req_validation | C68Req_validation |
| <input type="button" value="First"/> <input type="button" value="Previous"/> <input checked="" type="button" value="1"/> <input type="button" value="Next"/> <input type="button" value="Last"/> |                   |                   |                   |                   |

**VALIDATION ERRORS** **HEADER AND TRANSPORTATION** **PARTIES** **COMMODITY DETAILS**

|                      |                                    |   |
|----------------------|------------------------------------|---|
| Effective Date       | Description                        | Message   |
| 5/30/2024 8:13:12 AM | LicenseTypeCode C68 valid licenses | <p>Line 4 - Invalid data requirements for LicenseTypeCode C68:</p> <ul style="list-style-type: none"> <li>• Invalid ExportCode selected (valid values: all except CH, CI, HV, UG).</li> </ul>   |
| 5/30/2024 8:13:12 AM | LicenseTypeCode C68 valid licenses | <p>Line 1 - Invalid data requirements for LicenseTypeCode C68:</p> <ul style="list-style-type: none"> <li>• Invalid ECNNUM selected (valid values: 3A001, 3A090, 4A003, 4A004, 4A005, 4A090, 5A002, 5A004, 5A992, 5D002, 5D992).</li> <li>• Invalid ExportCode selected (valid values: all except CH, CI, HV, UG).</li> </ul> |
| 5/30/2024 8:13:12 AM | LicenseTypeCode C68 valid licenses | <p>Line 2 - Invalid data requirements for LicenseTypeCode C68:</p> <ul style="list-style-type: none"> <li>• Invalid ECNNUM selected (valid values: 3A001, 3A090, 4A003, 4A004, 4A005, 4A090, 5A002, 5A004, 5A992, 5D002, 5D992).</li> <li>• Invalid ExportCode selected (valid values: all except CH, CI, HV, UG).</li> </ul> |
| 5/30/2024 8:13:12 AM | Ultimate Consignee Required Fields | Ultimate Consignee is missing required information for AES transmission   |
| 5/30/2024 8:13:12 AM | Authorized Agent Required Fields   | Authorized Agent is missing required information for AES transmission   |
| 5/30/2024 8:13:12 AM | USPPI Required Fields              | USPPI is missing required information for AES transmission  |

Validation Script: [V24.3.0906 DATA tmgSQL C68 License Type SP.sql](#)

Integration Test: [AesValidationInvalidCodesIntegrationTests.cs](#)

## AES Validation for C70

Covering | 1344518 NEW BIS LICENSE TYPE C70 – IMPLEMENTED EXPORT CONTROL (IEC) | Closed

Message validation for the C70

The screenshot shows the OneSource Global Trade platform's Export Management section. A success message at the top indicates "Successfully completed request (SAVE\_AND\_VALIDATE)". The current shipment is listed as "SHIP\_Lic\_C71 - UltCosComEx (HOLD)". Below this, a table displays validation messages for "Hold Messages - (2)" dated 2024-10-28 14:52. The message details an AES validation error for Line 1 due to invalid data requirements for LicenseTypeCode C70, specifically regarding ECNNum, ExportCode, ModeOfTransport, and ImportCountry.

| Date             | Message  | Message Type | Record Type | Hold Flag |
|------------------|--|--------------|-------------|-----------|
| 2024-10-28 14:52 | AES VALIDATION - Line 1 - Invalid data requirements for LicenseTypeCode C70:<br>• Invalid ECNNum selected (valid values: 2B910, 2D910, 2E903, 2E910, 3A901, 3A904, 3B901, 3B903, 3B904, 3C907, 3C908, 3C909, 3D001, 3D002, 3D901, 3D907, 3E001, 3E901, 3E905, 4A906, 4D906, and 4E906).<br>• Invalid ExportCode selected (valid values: all except UG).<br>• Invalid ModeOfTransport selected (valid values: all except 70).<br>• Invalid ImportCountry selected (valid values: AU, CA, DE, ES, FR, IT, JP, UK). | AES          | Details     | Y         |

## AES Validation for C73

Covering | 1538505 3- AES Validations for C73 License Type Code | Closed

AES Shipment:

The screenshot shows the OneSource Global Trade platform's AES Shipment interface. It displays a table of shipment details for "C73TEST003 (NOT SENT)". The "Mode Of Transport" field is highlighted with a red box. The "Destination Country" field is also highlighted with a red box and contains the value "INDIA". Other fields shown include OrderNumShip, Shipment Ref Num, Invoice Num, Order Num, Booking Num, Master Bill Of Lading, House Bill Of Lading, Destination Country, and Seller Company Name.

## Line1:

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network QA EM (203) ▾

Back New Reload Save and Validate Transmit Generate Regenerate EEI Exit

Transmission: CERTIFICATION ▼

Current  Completed

Shipment Reference Num C73TEST003 (NOT SENT) 🔍

| Missing a shipment? |                  |             |            |             |                       |                      |                     |                          |
|---------------------|------------------|-------------|------------|-------------|-----------------------|----------------------|---------------------|--------------------------|
| OrderNumShip        | Shipment Ref Num | Invoice Num | Order Num  | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name      |
| Remove C73Test003   | C73Test003       | C73Test003  | C73Test003 | 12345       |                       | 951738642096         | IN                  | SellerCompanyNameExample |

◀ ▶ ⏪ ⏩ ⏴ ⏵

1 items in 1 pages

VALIDATION ERRORS HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

0001 Tariff 8413702005 ECCN 2B350 Commodity Description Paper  
**Export Code** UG Origin Code D Show Quantities and Values ▾  
Show License Details ▾  

|                          |     |
|--------------------------|-----|
| Current Last Transmitted |     |
| License Type Code        | C73 |
| License Number           |     |
| License Exemption        |     |
| Is Used                  |     |

25 ▾

## Line2:

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network QA EM (203) ▾

Back New Reload Save and Validate Transmit Generate Regenerate EEI Exit

Transmission: CERTIFICATION ▼

Current  Completed

Shipment Reference Num C73TEST003 (NOT SENT) 🔍

| Missing a shipment? |                  |             |            |             |                       |                      |                     |                          |
|---------------------|------------------|-------------|------------|-------------|-----------------------|----------------------|---------------------|--------------------------|
| OrderNumShip        | Shipment Ref Num | Invoice Num | Order Num  | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name      |
| Remove C73Test003   | C73Test003       | C73Test003  | C73Test003 | 12345       |                       | 951738642096         | IN                  | SellerCompanyNameExample |

◀ ▶ ⏪ ⏩ ⏴ ⏵

1 items in 1 pages

VALIDATION ERRORS HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

Exemption Is Used Vehicle?  
0002 Tariff 8413919520 ECCN 2B350 Commodity Description Paper  
**Export Code** UG Origin Code D Show Quantities and Values ▾  
Show License Details ▾  

|                          |     |
|--------------------------|-----|
| Current Last Transmitted |     |
| License Type Code        | C73 |
| License Number           |     |

25 ▾  
2 items in 1 pages

## Validation Messages:

You must provide information for the USPPI prior to submitting to AES.

Current    Completed

Shipment Reference Num: C73TEST002 (NOT SENT)

|        | OrderNumShip | Shipment Ref Num | Invoice Num | Order Num  | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name |
|--------|--------------|------------------|-------------|------------|-------------|-----------------------|----------------------|---------------------|---------------------|
| Remove | C73Test002   | C73Test002       | C73Test002  | C73Test002 | 12345       |                       | 951738642096         | IN                  |                     |

Missing a shipment?

1 items in 1 pages

25

VALIDATION ERRORS   HEADER AND TRANSPORTATION   PARTIES   COMMODITY DETAILS

| Effective Date       | Description                        | Message  |
|----------------------|------------------------------------|--|
| 2/27/2025 8:06:14 AM | Ultimate Consignee Required Fields | Ultimate Consignee is missing required information for AES transmission  |
| 2/27/2025 8:06:14 AM | Authorized Agent Required Fields   | Authorized Agent is missing required information for AES transmission  |
| 2/27/2025 8:06:14 AM | USPPI Required Fields              | USPPI is missing required information for AES transmission   |
| 2/27/2025 8:06:14 AM | LicenseTypeCode C73 valid licenses | <p>Line 1 - Invalid data requirements for LicenseTypeCode C73:</p> <ul style="list-style-type: none"> <li>Invalid ECNNum selected (valid values: 3A001.z, 3A090.a, 3A090.z, 3D001, 4A003.z, 4A004.z, 4A005.z, 4A090.a, 4A090.z, 4D001, 4D090, 4E001, 4E091, 5A002.z, 5A004.z, 5A992.z, 5D002.z, 5D992.z, 5E002, 5E992).</li> <li>Invalid ExportCode selected (valid values: all except UG).</li> <li>Invalid ModeOfTransport selected (valid values: all except 70).</li> <li>Invalid Country Of Destination selected (valid values: AU, BE, CA, DE, DK, ES, FI, FR, IE, IT, JP, KR, NL, NO, NZ, SE, TW, UK, US).</li> </ul> |
| 2/27/2025 8:06:14 AM | LicenseTypeCode C73 valid licenses | <p>Line 2 - Invalid data requirements for LicenseTypeCode C73:</p> <ul style="list-style-type: none"> <li>Invalid ECNNum selected (valid values: 3A001.z, 3A090.a, 3A090.z, 3D001, 4A003.z, 4A004.z, 4A005.z, 4A090.a, 4A090.z, 4D001, 4D090, 4E001, 4E091, 5A002.z, 5A004.z, 5A992.z, 5D002.z, 5D992.z, 5E002, 5E992).</li> <li>Invalid ExportCode selected (valid values: all except UG).</li> <li>Invalid ModeOfTransport selected (valid values: all except 70).</li> <li>Invalid Country Of Destination selected (valid values: AU, BE, CA, DE, DK, ES, FI, FR, IE, IT, JP, KR, NL, NO, NZ, SE, TW, UK, US).</li> </ul> |

## Modern AES Shipment:

Integration   Decision Tree   Classification   Origin   FTA   Entry Verification   Import   Import Modern   Export   Export Modern   DPS   Content   Analyzer   ABI   Knowledge Network   QA EM (203) ▾

|   |   |                          |
|---|---|--------------------------|
| Contents                                  | EMDS09                                      | EMDS10                   |
| <a href="#">General</a>                   | EMDS11                                      | EMDS12                   |
| <a href="#">Product Information</a>       | EMDS13                                      | EMDS14                   |
| <a href="#">Transactional Information</a> | EMDS15                                      | EMDL01                   |
| <a href="#">Reporting Information</a>     | EMDL02                                      | EMDL03                   |
| <a href="#">Tracking Information</a>      | EMDL04                                      | EMDL05                   |
| <a href="#">Client-Specific Fields</a>    | EMDN01                                      | EMDN02                   |
|   | 0   | 0                        |
|   | EMDN03                                      | EMDN04                   |
|   | 0   | 0                        |
|   | EMDN05                                      | EMDD01                   |
|   | 0   | 01/01/1900               |
|   | EMDD02                                      | EMDD03                   |
|   | 01/01/1900                                  | 01/01/1900               |
|   | EMDD04                                      | EMDD05                   |
|   | 01/01/1900                                  | 01/01/1900               |
|   | Export Code<br>UG                           | DDTC USML Category       |
|   | DDTC USML category XXI determination number | License Type Code<br>C73 |

## Line details:

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network QA EM (2031) ▾

Home / Shipment queues / AES filing / AES record ⚡ Help

## AES record

SRN: C73TEST003 Failed to file

|                      |   |                              |
|----------------------|---|------------------------------|
| ITN<br>Not available | Master of bill of lading<br>Not available | Export Date<br>March 26,2025 |
|----------------------|---|------------------------------|

Overview Invoices (1) Filing details **Commodities** Filing history PGA records

## Commodities

Review commodities that had data changed since the last time you filed this AES record and the ones that didn't.

[Changed since last file\(2\)](#) [Not changed](#)

Search

Filter Manage columns

| Line number ↑↓ | Export tariff number ↑↓ | ECN ↑↓ | Export code ↑↓ | DDTCUSML category ↑↓ | Commodity description ↑↓ | Reported quantity ↑↓ | Additional reported quantity ↑↓ | Actions   |
|----------------|-------------------------|--------|----------------|----------------------|--------------------------|----------------------|---------------------------------|-----------|
| 2              | 8413919520              | 2B350  | UG             | 0.00                 | Paper                    | KG                   |                                 | Actions ↴ |
| 1              | 8413702005              | 2B350  | UG             | 0.00                 | Paper                    | KG                   |                                 | Actions ↴ |

## License Details:

ONESOURCE GLOBAL TRADE

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network

Home / Shipment queues / AES filing / AES record

## AES record

SRN: C73TEST003 Failed to file

|                      |   |                              |
|----------------------|---|------------------------------|
| ITN<br>Not available | Master of bill of lading<br>Not available | Export Date<br>March 26,2025 |
|----------------------|---|------------------------------|

Overview Invoices (1) Filing details **Commodities** Filing history PGA records

## Commodities

Review commodities that had data changed since the last time you filed this AES record and the ones that didn't.

[Changed since last file\(2\)](#) [Not changed](#)

Review data changes

Commodity: Paper

You can select Re-process shipment to resolve the data mismatches.

Quantity

Reported quantity unit of measure Additional reported quantity unit of measure

KG KG

| Quantity                     | Original data | Changes since last file |
|------------------------------|---------------|-------------------------|
| Weight (KG)                  | 100.00        | 0.00                    |
| Reported quantity            | 100.00        | 0.00                    |
| Additional reported quantity | 0.00          | 0.00                    |
| Value (USD)                  | 10,636.12     | 0.00                    |

License

License unit of measure License value

KG 0.00

| License details         | Original data | Changes since last file |
|-------------------------|---------------|-------------------------|
| License regulation code | C73           |                         |
| License number          |               |                         |
| License exemption       |               |                         |
| License quantity        | 0.00          | 0.00                    |

[Close](#)

[Re-process shipment](#)

## Validation Messages:

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network QA EM (203) Actions

### AES record

SRN : C73TEST003 Failed to file

|                      |   |                              |
|----------------------|---|------------------------------|
| ITN<br>Not available | Master of bill of lading<br>Not available | Export Date<br>March 26,2025 |
|----------------------|---|------------------------------|

Overview Invoices (1) Filing details Commodities Filing history PGA records

## Overview

Errors 2 ▾

To continue, fix the following issues in the shipment:

- LicenseTypeCode C73 valid licenses:Line 2 - Invalid data requirements for LicenseTypeCode C73:
  - Invalid ECNNum selected (valid values: 3A001.z, 3A090.a, 3A090.z, 3D001, 4A003.z, 4A004.z, 4A005.z, 4A090.a, 4A090.z, 4D001, 4D090, 4E001, 4E091, 5A002.z, 5A004.z, 5A992.z, SD002.z, 5D992.z, 5E002, 5E992).
  - Invalid ModeOfTransport selected (valid values: all except 70).
  - Invalid Country Of Destination selected (valid values: AU, BE, CA, DE, DK, ES, FI, FR, IE, IT, JP, KR, NL, NO, NZ, SE, TW, UK, US).
- LicenseTypeCode C73 valid licenses:Line 1 - Invalid data requirements for LicenseTypeCode C73:
  - Invalid ECNNum selected (valid values: 3A001.z, 3A090.a, 3A090.z, 3D001, 4A003.z, 4A004.z, 4A005.z, 4A090.a, 4A090.z, 4D001, 4D090, 4E001, 4E091, 5A002.z, 5A004.z, 5A992.z, SD002.z, 5D992.z, 5E002, 5E992).
  - Invalid ExportCode selected (valid values: all except UG).
  - Invalid ModeOfTransport selected (valid values: all except 70).
  - Invalid Country Of Destination selected (valid values: AU, BE, CA, DE, DK, ES, FI, FR, IE, IT, JP, KR, NL, NO, NZ, SE, TW, UK, US).

## AES Validation for C74

Covering | 1538508 4- CISLI validations for C74 | Closed

## Line items of the Shipment for the test of C74

ONESOURCE GLOBAL TRADE William Paula

Integration Decision Tree Classification Origin FTA Entry Verification Import Export New Export DPS Content Analyzer ABI Knowledge Network Export Management - LOCAL (203)

New Save and Validate Save as Template Reload Void Preview Process Shipment Evaluate AES Exemptions Finalize Exit

Successfully completed request (SAVE\_AND\_VALIDATE).

Current Shipment: C74Test001 - UltCosComEx (HOLD)

| Details         |                     |                   |                     |              |    |                       |  |                   |  |                 |    |         |          |    |
|-----------------|---------------------|-------------------|---------------------|--------------|----|-----------------------|--|-------------------|--|-----------------|----|---------|----------|----|
| System Messages |                     | Header            |                     | Parties      |    | Delivery Instructions |  | Assists           |  | Purchase Orders |    |         |          |    |
| Product Num     |                     | License Type Code |                     | Product Desc |    | Export Tariff Num     |  | Country Of Origin |  | ECN Num         |    |         |          |    |
| 1               | 573207532           | C74               | Paper               | 8413702006   | US | 2B350                 |  |                   |  | 100.0000        | KG | 50.0000 | 100.0000 | KG |
| 2               | 573207532           | C74               | Paper               | 8413919520   | US | 2B350                 |  |                   |  | 100.0000        | KG | 50.0000 | 100.0000 | KG |
| 3               | LicenseTestProduct3 | C33               | LicenseTestProduct3 | 8413919520   | US | FAR99                 |  |                   |  | 10.0000         | LB | 50.0000 | 10.0000  | KG |
| 4               | LicenseTestProduct6 | C33               | LicenseTestProduct6 | 8413919520   | US | FAR99                 |  |                   |  | 10.0000         | LB | 50.0000 | 10.0000  | KG |
| 4               | LicenseTestProduct4 | C74               | LicenseTestProduct4 | 8413702005   | US | 2B350                 |  |                   |  | 10.0000         | LB | 50.0000 | 10.0000  | KG |

## Validations for an Invalid ECNNum/ImportTariffNum

The screenshot shows the ONESOURCE Global Trade Export Management interface. At the top, there's a navigation bar with links like Integration, Decision Tree, Classification, Origin, FTA, Entry Verification, Import, Export, New Export, DPS, Content, Analyzer, ABI, Knowledge Network, and a user dropdown for William Paula. Below the navigation is a toolbar with buttons for New, Save and Validate, Save as Template, Reload, Void, Preview, Process Shipment, Evaluate AES Exemptions, Finalize, and Exit.

A success message box at the top center says "Successfully completed request (SAVE\_AND\_VALIDATE)".

The main area shows a "Current Shipment" section titled "CT4Test001 - URCosComEx (HOLD)". Below it is a "SYSTEM MESSAGES" tabbed panel with tabs for HEADER, PARTIES, DETAILS, DELIVERY INSTRUCTIONS, ASSETS, PURCHASE ORDERS, EQUIPMENT, FEES, FTA, GENERIC, DOCUMENTATION, NOTES, SPREADSHEETS, and FILE TRANSMISSIONS. The DETAILS tab is selected.

Under the DETAILS tab, there's a "Hold" section with a table showing hold messages. The table has columns for Date, Hold Messages - (S), Message, Message Type, Record Type, and Hold Flag. The table lists several AES validation errors related to license type codes C31 and C37.

## AES Validation for Invalid Codes

License Type Codes 31 and 37 are no longer valid. Screens showing validation messages.

The following example for Commodities 0003 and 0004:

**0003**

|                                      |            |             |                  |
|--------------------------------------|------------|-------------|------------------|
| Tariff                               | 0901210035 | ECCN        | 0A501            |
| Export Code                          | OS         | Origin Code | D                |
| <a href="#">Show License Details</a> |            |             |                  |
| License Type Code                    | C37        | Current     | Last Transmitted |
| License Number                       | ABC        |             |                  |

**0004**

|                                      |            |             |                  |
|--------------------------------------|------------|-------------|------------------|
| Tariff                               | 0901210035 | ECCN        | 0A501            |
| Export Code                          | OS         | Origin Code | D                |
| <a href="#">Show License Details</a> |            |             |                  |
| License Type Code                    | C31        | Current     | Last Transmitted |
| License Number                       | ABC        |             |                  |

## Validation Messages:

There is still a validation message for LicenseTypeCode C31 asking for conditions.

| VALIDATION ERRORS        |                                       | HEADER AND TRANSPORTATION  | PARTIES | COMMODITY DETAILS |
|--------------------------|---------------------------------------|--|---------|-------------------|
| Effective Date           | Description                           | Message  |         |                   |
| 11/29/2023<br>4:54:48 PM | Invalid License Codes                 | Line 3 - Invalid data requirements for License Code: Invalid License Type Code selected.           |         |                   |
| 11/29/2023<br>4:54:48 PM | Invalid License Codes                 | Line 4 - Invalid data requirements for License Code: Invalid License Type Code selected.           |         |                   |
| 11/29/2023<br>4:54:48 PM | LicenseTypeCode C31<br>valid licenses | LineNum: 3. License Number must start with "S" or "V" for LicenseTypeCode C31 when sending to AES. |         |                   |

After 24.1 Old validation messages are being removed and will show only generic messages:

| VALIDATION ERRORS     |                       | HEADER AND TRANSPORTATION  | PARTIES | COMMODITY DETAILS |
|-----------------------|-----------------------|--|---------|-------------------|
| Effective Date        | Description           | Message  |         |                   |
| 11/29/2023 4:54:48 PM | Invalid License Codes | Line 3 - Invalid data requirements for License Code: Invalid License Type Code selected. |         |                   |
| 11/29/2023 4:54:48 PM | Invalid License Codes | Line 4 - Invalid data requirements for License Code: Invalid License Type Code selected. |         |                   |

## SLI Report

TBD

### Update references of "FORWARDER" to "AUTHORIZED AGENT"

The following places were updated in 24.2 to say "AUTHORIZED AGENT" instead of "FORWARDER", as requested by CBP in CSMS # 59607941

# Cargo Systems Messaging Service

## CSMS # 59607941 - NOTICE: “Forwarding Agent” Will be Changing to “Authorized Agent” Across the AESTIR and AESDirect Portal

### Summary of the Change:

At the request of the U.S. Census Bureau, the terms “**Forwarding Agent**” and “**FWRD AGT**” found in the Automated Export System Trade Interface Requirements (AESTIR) commodity record format, appendices (i.e., commodity filing response messages, AES acronyms and definitions) and the AESDirect portal will be replaced with the term “**Authorized Agent**” and “**AUTH AGT**,” consistent with [15 CFR 30.6\(b\)\(1\)](#).

This change will be effective **April 1, 2024**.

### Background:

**Authorized Agent** is the term used in the Foreign Trade Regulations to identify the individual or legal entity physically located in or otherwise under the jurisdiction of the United States that has obtained power of attorney or written authorization from a U.S. Principal Party in Interest (USPPI) or Foreign Principal Party in Interest (FPPI) to act on its behalf and to complete and file the Electronic Export Information (EEI).

Updated layout:

#### SHIPPER'S LETTER OF INSTRUCTION

|       |   |  |
|-------|---|--|
|       | 3. FREIGHT LOCATION COMPANY NAME            | 5. AUTHORIZED AGENT  |
| E     | 4. FREIGHT LOCATION ADDRESS (IF NOT BOX#2): | ForwName<br>100 Tryon Street<br>ForwCity DE 49 EU                                |
| I9567 | 7. RELATED PARTY INDICATOR (SELECT ONE)     | <input checked="" type="checkbox"/> RELATED <input type="checkbox"/> NON-RELATED |

|  |                                |                               |
|--|--------------------------------|-------------------------------|
| <b>30. DDTCT APPLICANT REGISTRATION NUMBER:</b>  |                                | <b>31. ELIGIBLE PARTY CER</b> |
| 32. <input type="checkbox"/> CHECK HERE IF THERE ARE ANY REMAINING NON-LICENSEABLE SCHEDULE B / HTS NUMBERS THAT ARE VALUED \$2500 OR LESS AND DO NOT OTHERWISE  |                                |                               |
| 33. <input type="checkbox"/> CHECK HERE IF THE USPPI AUTHORIZES THE ABOVE NAMED <b>AUTHORIZED AGENT</b> TO ACT AS ITS TRUE AND LAWFUL AGENT FOR PURPOSES OF PREPARING ELECTRONIC EXPORT INFORMATION ("EEI") IN ACCORDANCE WITH THE LAWS AND REGULATIONS OF THE UNITED STATES.  |                                |                               |
| 34. I CERTIFY THAT THE STATEMENTS MADE AND ALL INFORMATION CONTAINED HEREIN ARE TRUE AND CORRECT. I UNDERSTAND THAT CIVIL AND CRIMINAL PENALTIES MAY BE IMPOSED FOR MAKING FALSE AND FRAUDULENT STATEMENTS HEREIN, FAILING TO PROVIDE THE REQUESTED INFORMATION OR FOR VIOLATION OF 18 U.S.C. Sec. 305; 22 U.S.C. Sec 401, 18 U.S.C. Sec 1001, 50 U.S.C. app. 2410). |                                |                               |
| <b>35. USPPI E-MAIL ADDRESS</b>  | <b>36. USPPI TELEPHONE NO.</b> | SellPhone                     |

## Category XXI Field

This is how the field looks in AES Transmission Screen

The screenshot shows the AES Transmission screen with the 'Commodity Details' tab selected. The interface includes tabs for 'Header and Transportation', 'Parties', and 'Commodity Details'. In the 'Commodity Details' section, there are several input fields: 'License Value' (100.00), 'DDTC Registration Number' (19177.30), 'Eligible Party Flag' (empty), 'Military Flag' (empty), 'USML Category' (21 (Category 21)), 'Category XXI Determination Number' (CJ-0153-12, highlighted with a red box), and 'Is Used Vehicle?' (N). A vertical blue bar is visible on the left side of the screen.

## Category XXI in AES Validations

Validation query was enabled in tmgSQL via query:

[V23.4.0911 DATA tmgSQL WFP.sql](#)

Validation messages:

- Category XXI Determination Number is only applicable for USML Category Code 21
- Category XXI Determination Number should be in the format of AA-#####-## or AA#######

## Category XXI In .abi Transmit Files

Per request | 861124 Transmit new field in AES & Display 5C2 code in Reports/Request Summary Page

|    Closed , Need to transmit new field Category XXI Determination Number to the AES GFE file and also update reports summary page, so that we can send the updated AES regulatory changes to CBP and can view new code information on reports page. This change applies to ODT lines.

► Expand to review the impacted XML files

XML File Changes:

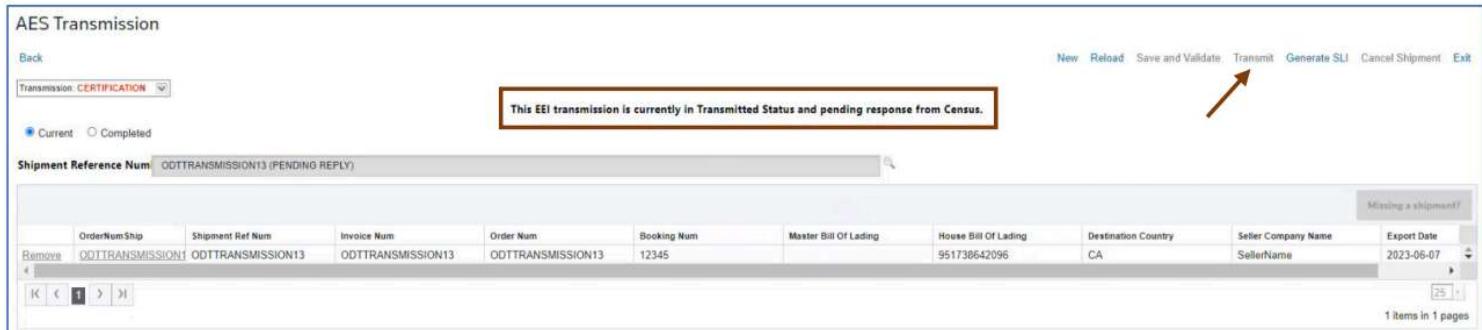
```

<line name="ODT">
  <data_query>
    <![CDATA[
      select 'ODT' as RecordIdentifier, case when LicenseTypeCode in ('S05', 'S61', 'S73', ''
        DDTCTitleNum, DDTCTitleType, DDTCTitleCategory, DDTCTitleCategory21Number, '' as Filler2
      from txdAESDetail
      where
        AESGUID = '@AESGUID@' and
        LineNum = '@../LINENUM@' and
        (
          DDTCITARExemptionNum <> '' or
          DDTCTitleNum <> '' or
          LicenseTypeCode in ('SAG', 'SAU', 'SCA', 'SGB', 'S00', 'S05', 'S61', ''
        ) and
        PartnerID = @PARTNERID@
    ]]>
  </data_query>
  ...
  <map_position column_name="DDTCUSMLCategory21Number" position="47" length="10" />
  <map_position column_name="Filler2" position="57" length="24" />
  <format field="DDTCITARExemptionNum" case="upper" />
  ...
  <format field="DDTCUSMLCategory21Number" case="upper" />
</line>

```

Once user hits button "Transmit" from AES Transmission screen for a Shipment ready to be transmitted, making sure at least one of the Commodities is using between 'SAG', 'SAU', 'SCA', 'SGB', 'S00', 'S05', 'S61', 'S73', 'S85' or 'S94' as License Type Codes like in the example:

| Line Num | Product Num      | Product Description | License Type Code | Export Tariff Num |
|----------|------------------|---------------------|-------------------|-------------------|
| 1        | <u>573207532</u> | Paper               | C64               | <u>0901210035</u> |
| 2        | <u>573207532</u> | Paper               | SAG               | <u>0901210035</u> |
| 3        | <u>573207532</u> | Paper               | SCA               | <u>0901210035</u> |
| 4        | <u>573207532</u> | Paper               | C33               | <u>0901210035</u> |
| 5        | <u>573207532</u> | Paper               | C60               | <u>0901210035</u> |



Once this transmission occurs, the generated file can be found for internal test purposes in FTP for shipment just transmitted.

Remote site: /aes/incoming

- abi
- aes
  - incoming
  - outgoing
  - Anindya\_Hotfix
  - AnindyaTest
  - archive
  - c244848
  - c244848\_second
  - c244848\_test\_FTP\_file\_definitions\_outbound
  - c\_244848\_FTP\_stage\_integration\_v2

| Filename   | Filesize | Filetype | Last modified             | Per |
|--|----------|----------|---------------------------|-----|
| 2031_743049567_ODTTRANSMISSION13_20230508190831547.abi | 2,240    | ABI File | 08/05/2023 05:08:34 p. m. |     |
| 2031_743049567_ODTTRANSMISSION2_20230508182821187.abi  | 2,240    | ABI File | 08/05/2023 04:28:37 p. m. |     |
| 2031_743049567_ODTTRANSMISSION_20230508175638861.abi   | 2,240    | ABI File | 08/05/2023 03:56:53 p. m. |     |
| 2031_743049567_CHECK_LICENSES_03_20230508162059499.abi | 1,440    | ABI File | 08/05/2023 02:20:58 p. m. |     |
| 2031_743049567_CHECK_LICENSES_02_20230508155415343.abi | 1,440    | ABI File | 08/05/2023 01:54:15 p. m. |     |
| 2031_743049567_C60C64_14_20230504172409310.abi         | 2,080    | ABI File | 04/05/2023 03:24:10 p. m. |     |
| 2031_743049567_C60C64_3_20230504155642772.abi          | 2,080    | ABI File | 04/05/2023 01:56:43 p. m. |     |

< >

Selected 1 file. Total size: 2,240 bytes

This file should include now Category XXI Numbers, added in XML sql queries for ODT lines.

```

A    7430495671512SVEXP202305085047 N743049567
B    74304956700E          SELLERNAME
...
↪ ODT           21        KG 0000000  CJ-0813-12 ↵
...
↪ ODT           21        KG 0000000  CJ0104563 ↵
...
Z    743049567     EXP202305085047  743049567

```

## 5C2 Reply Code Display in Reports/Request Summary Page

Now, 5C2 Reply Code is shown in AES Replies and the link is functional.

| TRANSMISSION HISTORY |                  | HEADER AND TRANSPORTATION |          | PARTIES  |                   | COMMODITY DETAILS |              |
|----------------------|------------------|---------------------------|----------|--|-------------------|-------------------|--------------|
|                      |                  |                           |          |  |                   |                   |              |
| TransmissionDate     |                  |                           |          | Status   |                   | Replies           | EEI Document |
| ▼ 2022-09-02 08:14   |                  |                           |          | AES Reply Time Elapsed - Monitoring Notified     |                   | 4                 |              |
|                      |                  | REPLIES                   |          | ASSOCIATED INVOICES                              |                   |                   |              |
| Code                 | Received         | FinalDisposition          | Severity | NarrativeText                                    | ReferenceLine     |                   |              |
| 5C2                  | 2023-05-08 17:02 |                           | F        | INT CONS<br>CONTACT<br>PHONE#<br>INELIGIBLE      | N02RUTA 12 KM 831 | 7777777777        |              |
| 970                  | 2023-03-15 21:58 | R                         | F        | SHIPMENT<br>REJECTED;<br>RESOLVE &<br>RETRANSMIT |                   |                   |              |

Once the user clicks on the 5C2 Response Code, the screen with the information about the code will be open.

AESResponseCode

Extract    Exit

Search Parameters: ResponseCode For 5C2

| Effdate          | Response Code   | Narrative Text                          | Severity      | Reason  | Resolution  |
|------------------|---|---|---------------|---|---|
| 2023-05-05 18:48 |  5C2 | CAT XXI<br>DETERMINATION<br>NBR UNKNOWN | INFORMATIONAL | The License<br>Code/USML<br>Category XXI Code<br>declared is one<br>that requires a<br>DDTC Category<br>XXI determination<br>number on the<br>ODT record either<br>reported empty,<br>unknown or the<br>Date of Export is<br>greater than the<br>superseded date in<br>AES. | The DDTC Category XXI<br>determination number reported<br>on the ODT record must be a<br>known value in AES. Verify,<br>correct, and retransmit. If DDTC<br>has advised your commodity<br>export is classified in Category<br>XXI, but you do not have a<br>unique case number, you may<br>contact the DDTC Response<br>Team for assistance at<br><a href="mailto:ddtccustomerservice@state.gov">ddtccustomerservice@state.gov</a><br>or (202) 663-1282 |

[<] [<<] 1 [>] [>>]
10 ▼

1 items in 1 pages

## EEI Report

This report is the Electronic Export Information (EEI) is the electronic declaration of merchandise leaving the U.S. for export to a foreign country. An EEI is required to ship all items that are ITAR-controlled and some items controlled by the EAR.

Added the field DDTCUSMLCategory21Number in the details sections for the field 'Category XXI Determination Number'

2 / 2 | - 100% + | ☰ 🔍

|   |   |  |      |      |      |
|---|---|--|------|------|------|
|   |   | <p>LicenseTestProduct5</p> <p>ECNNum</p> <p>EXPORT INFO CODE: OS</p> <p>LICENSE CODE: C33 NLR</p> <p>LICENSE NUMBER: ITAR_LICENSE_NEW</p> <p>ITAR EXEMPTION NUMBER:</p> <p>REGISTRATION NUMBER:</p> <p>VALUE: 0.00</p> <p>QUANTITY: 0.00</p> <p>UOM: KG</p> <p>USML CATEGORY CODE: 21</p> <p>CATEGORY XXI</p> <p>DETERMINATION NUMBER: AA-1234-44</p> <p>SIGNIFICANT MILITARY</p> <p>EQUIPMENT INDICATOR:</p> <p>ELIGIBLE PARTY</p> <p>CERTIFICATION INDICATOR:</p>                  | -    |      |      |
| 2 | D | <p>0903000000</p> <p>LicenseTestProduct4</p> <p>ECNNum</p> <p>EXPORT INFO CODE: OS</p> <p>LICENSE CODE: C33 NLR</p> <p>LICENSE NUMBER: ITAR_LICENSE_NEW</p> <p>ITAR EXEMPTION NUMBER:</p> <p>REGISTRATION NUMBER:</p> <p>VALUE: 0.00</p> <p>QUANTITY: 0.00</p> <p>UOM: KG</p> <p>USML CATEGORY CODE: 21</p> <p>CATEGORY XXI</p> <p>DETERMINATION NUMBER: 120104563</p> <p>SIGNIFICANT MILITARY</p> <p>EQUIPMENT INDICATOR:</p> <p>ELIGIBLE PARTY</p> <p>CERTIFICATION INDICATOR:</p> | 0.00 | 0.00 | 0.00 |

## AES Transmission UI Change - Authorized Agent

Covering | 1155624 3- AES Transmission UI Changes - Change "Forwarder" tab name to "Authorized Agent" | Closed

Terms "Forwarder" in the Automated Export System Trade Interface to be replaced with "Authorized Agent"

therefore Tab "Forwarder" is now renamed to "Authorized Agent"

AES Transmission Message

- This shipment currently has no commodity line items that will be sent during transmission to AES. If you have previously transmitted this shipment and it has not required.

|              |               |         |
|--------------|---------------|---------|
| Company Name | Customs ID    | ID Type |
| MISSING      |               |         |
| Contact Name | Contact Phone |         |
| AddressLine1 |               |         |

## AES Validation changes - Authorized Agent

Terms "Forwarder" in the Automated Export System Trade Interface to be replaced with "Authorized Agent". These updates were applied in the AES standard validations.

### AES Transmission

|                       |                                    |   |
|-----------------------|------------------------------------|---|
| Effective Date        | Description                        | Message   |
| 4/17/2024 10:04:36 AM | Ultimate Consignee Required Fields | Ultimate Consignee is missing required information for AES transmission |
| 4/17/2024 10:04:36 AM | Authorized Agent Required Fields   | Authorized Agent is missing required information for AES transmission   |

## AES Response Code

Covering | 1204371 1 - Remove "APID" reference and update AES Response Codes | Closed

## Code Change: New Script to Update AES Response codes

[V24.3.0900 DATA tmdAESResponseCode NotsecurityOrTmgSQL Update Script.sql](#)

New Updated Reason and Resolution for AES Response code for 057, 058, 423

057

ONESOURCE  
GLOBAL TRADE

Manuel Gonzalez ▾

Integration Decision Tree Classification Origin FTA Entry Verification Import Export New Export DPS Content Analyzer ABI Knowledge Network 🔍 ⚙️ 📧 QA EM (2031) ▾

AESResponseCode

Extract Exit

Search Parameters: ResponseCode For 057

| Show/Hide Filter |               |                                 |          |  |  |
|------------------|---------------|---------------------------------|----------|--|--|
| Effdate          | Response Code | Narrative Text                  | Severity | Specify Reason   | Resolution   |
| 2019-06-19 14:34 | 057           | HEADER FILER ID MUST BE NUMERIC | FATAL    | The Filer ID reported in the A record contains non-numeric values. | The Filer ID must be reported as 9 numeric digits when Filer ID Type reported as E or D. Verify the Filer ID, correct the A record and retransmit. |

058

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Integration Decision Tree Classification Origin FTA Entry Verification Import Export New Export DPS Content Analyzer ABI Knowledge Network 🔍 ⚙️ 📧 QA EM (2031) ▾

AESResponseCode

Extract Exit

Search Parameters: ResponseCode For 058

| Show/Hide Filter |               |                                  |          |  |  |
|------------------|---------------|----------------------------------|----------|--|--|
| Effdate          | Response Code | Narrative Text                   | Severity | Specify Reason   | Resolution   |
| 2019-06-19 14:34 | 058           | TRAILER FILER ID MUST BE NUMERIC | FATAL    | The Filer ID reported in the Z record contains non-numeric values. | The Filer ID must be reported as 9 numeric digits when Filer ID Type reported as E or D. Verify the Filer ID, correct the Z record and retransmit. |

423

ONESOURCE  
GLOBAL TRADE

Manuel Gonzalez ▾

Integration Decision Tree Classification Origin FTA Entry Verification Import Export New Export DPS Content Analyzer ABI Knowledge Network 🔍 ⚙️ 📧 QA EM (2031) ▾

AESResponseCode

Extract Exit

Search Parameters: ResponseCode For 423

| Show/Hide Filter |               |                              |          |   |   |
|------------------|---------------|------------------------------|----------|---|---|
| Effdate          | Response Code | Narrative Text               | Severity | Specify Reason  | Resolution  |
| 2019-06-19 14:34 | 423           | USPPI IRS ID MUST BE NUMERIC | FATAL    | The USPPI IRS ID reported in the N03 record contains non-numeric values | The USPPI IRS ID must be reported as 9 numeric digits when USPPI ID Type reported as E. Verify the USPPI IRS ID, correct the N03 record and retransmit. |

| ResponseCode | NarrativeText                           | Severity | Reason   | Resolution  |
|--------------|---|----------|--|---|
| 66Q          | ECCN & CTRY OF DEST NOT ALLOWED FOR NLR | FATAL    | One or more lines contain an ECCN that is ineligible for export to the country of destination under a No License Required (NLR) authority. | ECCN and Country of Destination is not allowed for C33 (NLR). Review and correct filing. Review the Export Administration Regulations (15 CFR Parts 700-799). Contact the Bureau of Industry and Security at (202) 482- 4811 with further questions.  |
| 25B          | ULT CONS COUNTRY CANNOT BE US           | FATAL    | The Ultimate Consignee Country cannot be reported as US when the Ultimate Country of Destination is neither US or PR.                      | The Ultimate Consignee Country should be reported as the location where the person, party or designee is located abroad. The AES only allows US as the Ultimate Consignee Country when the Ultimate Country of Destination is the US or PR, which would only apply for shipments between the US and PR. Verify the Ultimate Consignee Country, correct, and retransmit. |

## Added IEC for C70 in AES transmission file

covering | 1365795 3 - Add C70 -> IEC logic in AES transmission file | Closed

code changes: [Generic File Export AES Files](#)

test case: [TEST CASE 1412715](#)

## shipment with C70 code

The screenshot shows the 'Edit Detail' screen for a shipment. The 'License Type Code' field is highlighted with a red box and contains 'C70'. The 'Current Shipment' dropdown also has a red box around it and shows 'SHIP\_Lic\_C70 - UltCosComEx'.

## AES transmission

The screenshot shows the 'AES Transmission' screen. The 'Shipment Reference Num' field is highlighted with a red box and contains 'SHIP\_LIC\_C70 (PENDING REPLY)'. A message box states 'This EEI transmission is currently in Transmitted Status and pending response from Census.'

## AES Transmission output file

FTP - ABIProcessor\_DEV@10.200.6.6 - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Status: Starting download of /AES/outgoing/1999/1999\_743049567\_20241106115629.abi  
 Status: File transfer successful, transferred 2,720 bytes in 1 second  
 Status: File transfer successful, transferred 2,720 bytes in 1 second  
 Status: Starting download of /AES/outgoing/1999/1999\_743049567\_20241106115629.abi  
 Status: Skipping download of /AES/outgoing/1999/1999\_743049567\_20241106115629.abi  
 Status: File transfer skipped  
 Status: Starting download of /AES/outgoing/1999/1999\_743049567\_20241106115629.abi  
 Status: File transfer successful, transferred 2,720 bytes in 1 second  
 Status: Disconnected from server  
 Status: Disconnected from server  
 Status: Connection closed by server

Local site: D:\ Remote site: /AES/outgoing/1999

Desktop

- Documents
- This PC
  - C: (ULayeredImage)
  - D: (New Volume)
  - Z: (\\\10.205.40.200\ds\$\IntegrationPoint)

121280  
121700  
1217009  
122320  
123140  
1231409  
123400  
124140  
1241409  
126580  
1999

| Filename                          | Filesize | Filetype | Last modified     | Permissions |
|-----------------------------------|----------|----------|-------------------|-------------|
| 1999_743049567_20241106115629.abi | 2,720    | ABI File | 06-11-2024 22:... | awr f       |
| 1999_743049567_20241106115629.abi | 2,000    | ABI File | 06-11-2024 14:... | awrnf       |
| 1999_743049567_20241106115629.abi | 2,720    | ABI File | 03-11-2024 07:... | awrdf       |
| 1999_743049567_20241030084521.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |
| 1999_743049567_20241030084346.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |
| 1999_743049567_20241030084214.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |
| 1999_743049567_20241030083722.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |
| 1999_743049567_20241030083521.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |
| 1999_743049567_20241030083214.abi | 2,400    | ABI File | 30-10-2024 18:... | awrdf       |

in File for C70 we have IEC

new 18 new 19 new 20 PR\_10\_AES.xml new 21 1999\_743049567\_20241106115629\_NEW.abi

|    |                             |  |                                  |                  |      |
|----|-----------------------------|--|----------------------------------|------------------|------|
| 1  | A                           | 7430495671512SVEXT20241106823              | N743049567                       | CRLF             |      |
| 2  | B                           | 743049567                                  | SEL ERNAME                       | CRLF             |      |
| 3  | SC1N60CANC                  | SHIP_LIC_C70                               | A                                | 2 100120241206 Y | CRLF |
| 4  | SC27012345                  |  | N                                |                  | CRLF |
| 5  | ES1152                      | F ENTRY NBR MUST BE AT LEAST 9 CHARS       |                                  |                  | CRLF |
| 6  | N01743049567000ESELLERNAME  |  | SELLCONT                         |                  | CRLF |
| 7  | N02SFL1                     |  |                                  |                  | CRLF |
| 8  | ES1243                      | F USPPI CONTACT PHONE# MISSING             |                                  |                  | CRLF |
| 9  | N03SF CITY                  | NCUS29800                                  |                                  |                  | CRLF |
| 10 | ES1256                      | F USPPI POSTAL CODE NOT VALID FOR STATE    |                                  |                  | CRLF |
| 11 | N0196851200000DCULTCOSCOMEX |  |                                  |                  | CRLF |
| 12 | NN02ULTCOSADDR1EX           |  | 1                                |                  | CRLF |
| 13 | ES1325                      | F ULT CONS CONTACT PH# MUST BE NUMERIC     |                                  |                  | CRLF |
| 14 | ES1326                      | F ULT CONS CONTACT PHONE# INELIGIBLE       |                                  |                  | CRLF |
| 15 | N03UCCITYAESTEST            | NYUS0000                                   | D                                |                  | CRLF |
| 16 | ES125B                      | F ULT CONS COUNTRY CANNOT BE US            |                                  |                  | CRLF |
| 17 | ES1338                      | F ULT CONS POSTAL CODE MUST BE NUMERIC     |                                  |                  | CRLF |
| 18 | ES1340                      | F ULT CONS POSTAL CODE NOT VALID FOR STATE |                                  |                  | CRLF |
| 19 | N01FORWID00000DFFORWNAME    |  |                                  |                  | CRLF |
| 20 | ES1267                      | F AUTH AGT PARTY ID MUST BE NUMERIC        |                                  |                  | CRLF |
| 21 | ES1270                      | F AUTH AGT LOCATION NOT ALLOWED FOR TYPE   |                                  |                  | CRLF |
| 22 | N02100 TRYON STREET         |  |                                  |                  | CRLF |
| 23 | ES1284                      | F AUTH AGT CONTACT PHONE# MISSING          |                                  |                  | CRLF |
| 24 | N03FORWCITY                 | EU49                                       |                                  |                  | CRLF |
| 25 | ES1292                      | F AUTH AGT STATE MISSING                   |                                  |                  | CRLF |
| 26 | ES1291                      | F AUTH AGT COUNTRY MUST BE US              |                                  |                  | CRLF |
| 27 | CL1US 0001TEST 123          |  | 0000000000 AC70FN                |                  | CRLF |
| 28 | 1ES1502                     | F EXPORT INFO CODE UNKNOWN                 |                                  |                  | CRLF |
| 29 | CL28426411000               | 00000000010000003500                       | 0000000000000000000000102B910IEC |                  | CRLF |
| 30 | ES1623                      | F SCHED B/HTS NBR UNKNOWN                  |                                  |                  | CRLF |

# AES Validation for Category Code 55

Covering | 1526445 4- Add USML Category Code 55 Validations in AES | Closed

## Enabled dynamic fields:

Integration Decision Tree Classification Origin FTA Entry Verification Import Export Export Modem DPS Content Analyzer API Knowledge Network QA EM (203) ▾

Show Hidden Fields

- EMDS05
- EMDS06
- EMDS07
- EMDS08
- EMDS09
- EMDS10
- EMDS11
- EMDS12
- EMDS13
- EMDS14
- EMDS15
- EMDL01
- EMDL02
- EMDL03
- EMDL04
- EMDL05
- EMDN01
- EMDN02
- EMDN03
- EMDN04
- EMDN05
- EMDD01
- EMDD02
- EMDD03
- EMDD04
- EMDD05

**ExportCode**

DDTCUSMLCategory

LicenseTypeCode

Hide   Disable   Require \*

Hidden Groups   Disabled Groups

Display Name Y

Export Code

Default Value OS

Link URL

URL Query

Field Type Dropdown

Dropdown Type  No Search  Allow Search  Web Service/Autocomplete

SQL Query

```
select code as Text, code from tmrgglobalcodes where fieldname = 'EXPORTCODE' and partnerid = @PartnerID order by code
```

Product Configurations

| Name | Condition | Action | Enabled |
|------|-----------|--------|---------|
|------|-----------|--------|---------|

## Shipment Creation

```
EXEC Create_AES_Shipment_With_DDTCUSMLCategory21Number
```

```
@PartnerID = 2031,
@ShipmentRefNum = 'Cat55_Demo',
@DDTCUSMLCategory21NumberLine1 ='',
@DDTCUSMLCategory21NumberLine2 ='',
@DDTCUSMLCategory = '55',
@DDTCUSMLCategoryNumeric = '55'
```

## Validation Message:

Integration Decision Tree Classification Origin FTA Entry Verification Import Export DPS Content Analyzer API Knowledge Network dev QA EM (203)

AES Transmission

New Reload Save and Validate Generate Regenerate EEI Exit

Back

Current  Completed

Shipment Reference Num CAT55\_DEMO (NOT SENT)

Missing a shipment?

| OrderNum Ship                     | Shipment Ref Num | Invoice Num | ShipmentRefNum1 |
|-----------------------------------|------------------|-------------|-----------------|
| <a href="#">Remove</a> Cat55_Demo | Cat55_Demo       | Cat55_Demo  | Cat55_Demo      |

25 1 items in 1 pages

VALIDATION ERRORS HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

| Effective Date        | Description                      | Message   |
|-----------------------|----------------------------------|---|
| 2/19/2025 10:03:21 AM | Category 55 valid data           | Line 2 - Invalid data requirements for CategoryCode 55: <ul style="list-style-type: none"><li>Invalid LicenseTypeCode selected (valid values: S94).</li><li>Invalid ExportCode selected (valid values: FS, FI).</li></ul> |
| 2/19/2025 10:03:21 AM | Category 55 valid data           | Line 1 - Invalid data requirements for CategoryCode 55: <ul style="list-style-type: none"><li>Invalid LicenseTypeCode selected (valid values: S94).</li><li>Invalid ExportCode selected (valid values: FS, FI).</li></ul> |
| 2/19/2025 10:03:21 AM | Authorized Agent Required Fields | Authorized Agent is missing required information for AES transmission   |

## Added nolock in queries related to AES

covering | [1512293 Deadlocks in AES screen](#) | Closed

Code Changes:

[Pull request 85139: added missing\\_nolocks - Repos](#)

[Pull request 85115: added missing\\_nolock for AES files - Repos](#)

Example:

```

EvaluateAES.aspx.vb -2+2
/GTM/EXPORT/Windows/EvaluateAES.aspx.vb

410     SELECT DISTINCT
411         hm.HashGUID
412     FROM
413         txdTSSearchResultDetailHist dh
414     JOIN
415         txdPSSearchStatus hm
416     ON
417         dh.ResultGUID = hm.LastResultGUID AND
418         hm.PartnerID = @PartnerID
419     SELECT DISTINCT
420         hm.HashGUID
421     FROM
422         txdTSSearchResultDetailHist dh with (nolock)
423     JOIN
424         txdPSSearchStatus hm with (nolock)
425     ON
426         dh.ResultGUID = hm.LastResultGUID AND
427         hm.PartnerID = @PartnerID
428

fidAESTransmission.aspx.vb -5+5
/GTM/EXPORT/fidAESTransmission.aspx.vb

406     End If
407
408     sql = "select column_name as [Text], column_name as [Value] " & vbCrLf
409     - sql &= "from information_schema.columns " & vbCrLf
410     sql &= "where " & vbCrLf
411     sql &= "    table_name = 'vid_ExportHeaderAES' and " & vbCrLf
412     sql &= "    data_type in ('varchar', 'datetime') and " & vbCrLf
406     End If
407
408     sql = "select column_name as [Text], column_name as [Value] " & vbCrLf
409     + sql &= "from information_schema.columns with (nolock)" & vbCrLf
410     sql &= "where " & vbCrLf
411     sql &= "    table_name = 'vid_ExportHeaderAES' and " & vbCrLf
412     sql &= "    data_type in ('varchar', 'datetime') and " & vbCrLf
413
414
415     sql &= "    PortOfUnloading = ah.PortOfUnloading, ExportDate = ah.Ex
416     sql &= "    ConveyanceName = ah.ConveyanceName, RelationshipFlag =
417     sql &= "from txdExportHeader eh " & vbCrLf
418     - sql &= "join txaESHeader ah on " & vbCrLf
419     sql &= "    ah.ShipmentRefNum = eh.ShipmentRefNum and " & vbCrLf
420     sql &= "    ah.PartnerID = eh.PartnerID " & vbCrLf
421     sql &= "where " & vbCrLf
422
423     sql &= "    PortOfUnloading = ah.PortOfUnloading, ExportDate = ah.Ex
424     sql &= "    ConveyanceName = ah.ConveyanceName, RelationshipFlag =
425     sql &= "from txdExportHeader eh " & vbCrLf
426     + sql &= "join txaESHeader ah with (nolock) on " & vbCrLf
427     sql &= "    ah.ShipmentRefNum = eh.ShipmentRefNum and " & vbCrLf
428     sql &= "    ah.PartnerID = eh.PartnerID " & vbCrLf
429     sql &= "where " & vbCrLf

```

## Added nolock in queries, in AES Generic File Export/Import xml files

covering | [1512301 Deadlocks in AES GFEs](#) | Closed

Code Change:

[Pull request 86056: added missing no locks in AES queries \(onprem\) - Repos](#)

[Pull request 86053: added missing no locks in AES queries \(aws\) - Repos](#)

## Example:

File: 10\_AES.xml -47+47 /qa/GenericFileExport/AES/10\_AES.xml

```

37     select 'A' as RecordIdentifier, '@FILERID@' as FilerId,
38     '@FILERIDTYPE@' as FilerIdType, 'XP' as ApplicationId
39     ,@BATCHCONTROLNUMBER@ as BatchControlNumber, 'N' as
40     BatchControlType
41   from txdAESHeader
42   where
43     AESGUID = '@AESGUID@' and
     PartnerID = @PARTNERID@

44     <![CDATA[
45     select 'B' as RecordIdentifier, case '@FILERIDTYPE@' when
46     '@FILERIDTYPE@' as USPPIType, left(USPPICompanyName
47     from txdAESHeader
48     where
49       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

50     <![CDATA[
51     Left(ConveyanceName, 23) as ConveyanceName, left(Fil
52     case when FilingOption not in ('2', '4') then right(F
53     PortOfUnloading, PortOfExportation, ExportDate as Esti
54     from txdAESHeader
55     where
56       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

57     <![CDATA[
58     <data_query>
59     <![CDATA[
60     select 'SC2' as RecordIdentifier, InbondType, EntryNu
61     from txdAESHeader
62     where
63       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

64     <![CDATA[
65     <data_query>
66     <![CDATA[
67     select 'SC2' as RecordIdentifier, InbondType, EntryNu
68     from txdAESHeader with (nolock)
69     where
70       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

71     <![CDATA[
72     <data_query>
73     <![CDATA[
74     select 'SC2' as RecordIdentifier, InbondType, EntryNu
75     from txdAESHeader with (nolock)
76     where
77       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

78     <![CDATA[
79     select 'B' as RecordIdentifier, case '@FILERIDTYPE@' wher
80     '@FILERIDTYPE@' as USPPIType, left(USPPICompanyName
81     from txdAESHeader with (nolock)
82     where
83       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

84     <![CDATA[
85     Left(ConveyanceName, 23) as ConveyanceName, left(Fil
86     case when FilingOption not in ('2', '4') then right(F
87     PortOfUnloading, PortOfExportation, ExportDate as Esti
88     from txdAESHeader with (nolock)
89     where
90       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

91     <![CDATA[
92     <data_query>
93     <![CDATA[
94     select 'SC2' as RecordIdentifier, InbondType, EntryNu
95     from txdAESHeader with (nolock)
96     where
97       AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

98     <![CDATA[
99     <data_query>
100    <![CDATA[
101    select 'SC2' as RecordIdentifier, InbondType, EntryNu
102    from txdAESHeader with (nolock)
103    where
104      AESGUID = '@AESGUID@' and
      PartnerID = @PARTNERID@

```

## Added C73 -&gt; AIA &amp; C74 -&gt; ACM ; logic in AES transmission file

Covering | 1538514 6- Add C73 -&gt; AIA &amp; C74 -&gt; ACM logic in AES transmission file | Closed

## Legacy Shipment Name AES\_C73\_C74

https://ogt-gtm-web-qa.8443.aws-int.thomsonreuters.com/gtm/aspx?href=%2FExport%2FdAESTransmission.aspx%3FSPN%3DAES\_C73\_C74%26REF%3D9500946A-12A1-4C17-9469-5CBE2B069130

This EEI transmission is currently in Transmitted Status and pending response from Census.

Shipment Reference Num: AES\_C73\_C74 (PENDING REPLY)

| OrderNumShip       | Shipment Ref Num | Invoice Num | Order Num   | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name |
|--------------------|------------------|-------------|-------------|-------------|-----------------------|----------------------|---------------------|---------------------|
| Remove AES_C73_C74 | AES_C73_C74      | AES_C73_C74 | AES_C73_C74 | 12345       |                       | 951738642096         | CA                  | SellerName          |

TRANSMISSION HISTORY HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

0001 Tariff ECCN 3D001 Commodity Description test 123

Export Code OS Origin Code F Show Quantities and Values

Show License Details

Current Last Transmitted

License Type Code C74 C74

License Number

License Exemption

Is Used

ONEROURCE  
GLOBAL TRADE

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network New Reload Save and Validate Transmit General Regenerate EEI Cancel Shipment Exit

Transmission: CERTIFICATION

This EEI transmission is currently in Transmitted Status and pending response from Census.

Current Completed

Shipment Reference Num AES\_C73\_C74 (PENDING REPLY)

| OrderNumShip       | Shipment Ref Num | Invoice Num | Order Num   | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name |
|--------------------|------------------|-------------|-------------|-------------|-----------------------|----------------------|---------------------|---------------------|
| Remove AES_C73_C74 | AES_C73_C74      | AES_C73_C74 | AES_C73_C74 | 12345       |                       | 951738642096         | CA                  | SellerName          |

Missing a shipment?

1 items in 1 pages

TRANSMISSION HISTORY HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

Vehicle? 0002

Tariff: 3D001 ECCN: 3D001 Commodity Description: test 123

Export Code: OS Origin Code: F Show Quantities and Values

License Type Code: C73 Current Last Transmitted

License Number: C73 License Exemption: C73

1 items in 1 pages

ONEROURCE  
GLOBAL TRADE

Integration Decision Tree Classification Origin FTA Entry Verification Import Import Modern Export Export Modern DPS Content Analyzer ABI Knowledge Network New Reload Save and Validate **Transmit** Generate Regenerate EEI Cancel Shipment Exit

Transmission: CERTIFICATION

This EEI transmission is currently in Transmitted Status and pending response from Census.

Current Completed

Shipment Reference Num AES\_C73\_C74 (PENDING REPLY)

| OrderNumShip       | Shipment Ref Num | Invoice Num | Order Num   | Booking Num | Master Bill Of Lading | House Bill Of Lading | Destination Country | Seller Company Name |
|--------------------|------------------|-------------|-------------|-------------|-----------------------|----------------------|---------------------|---------------------|
| Remove AES_C73_C74 | AES_C73_C74      | AES_C73_C74 | AES_C73_C74 | 12345       |                       | 951738642096         | CA                  | SellerName          |

Missing a shipment?

1 items in 1 pages

TRANSMISSION HISTORY HEADER AND TRANSPORTATION PARTIES COMMODITY DETAILS

| TransmissionDate | Status        | Replies | EEI Document |
|------------------|---------------|---------|--------------|
| 2025-03-11 09:44 | Pending Reply | 0       |              |

## FTP file:

```

A 74304956713123VEXT202503111444 N743049567
SC1N40CANC179 AES_C73_C74 AEXEC VALIDATION SQL ON 2 100120250410 Y
SC27012345 N SELLCONT
N0174304956700EESELLERNAME B 74304956700E SELLERNAME
ES1243 F USPPI CONTACT PHONE# MISSING ES1120 F CARRIER UNKNOWN
ES1256 F USPPI POSTAL CODE NOT VALID FOR STATE ES1152 F ENTRY NBR MUST BE AT LEAST 9 CHARS
NN02ULTCOSADDR1EX N02SFL1
NUMERIC 1 ES1325 F ULT CONS CONTACT PH# MUST BE
N03UCCITYAESTEST NYUS0000 D ES125B F ULT CONS COUNTRY CANNOT BE US
ES1338 F ULT CONS POSTAL CODE MUST BE NUMERIC ES1340 F ULT CONS POSTAL CODE NOT VALID FOR
STATE N01FORWID00000DFFORWNAME ES1267 F
AUTH AGT PARTY ID MUST BE NUMERIC ES1270 F AUTH AGT LOCATION NOT ALLOWED FOR TYPE
N02100 TRYON STREET ES1284 F AUTH AGT CONTACT PHONE# MISSING
N03FORWCITY EU49 ES1292 F AUTH AGT STATE MISSING
ES1291 F AUTH AGT COUNTRY MUST BE US CL10S 0001TEST 123
0000000000 AC74FN 1ES1504 F LICENSE CODE UNKNOWN CL2
0000000010000003500 00000000000000000000103D001ACM
ES1558 F OPA LTC NBR INELIGIBLE ES1622 F SCHED B/HTS NBR MISSING
CL10S 0002TEST 123
0000000006 AC73FN 1ES1504 F LICENSE CODE UNKNOWN CL2
00000000100000003500 00000000000000000000103D001AIA
ES1558 F OPA LIC NBR INELIGIBLE ES1622 F SCHED B/HTS NBR MISSING
RETRANSMIT Y 74304956700E ES1970 RF SHIPMENT REJECTED; RESOLVE &
743049567 EXT202503111444 743049567 SELLERNAME
Z

```

## Angular Screen Shipment name Modn\_C73\_C74

Work queues

All AES filings

| Select                   | Shipment Reference Number (SRN) | Status        | Latest response date | AES ITN | EEI docum |
|--------------------------|---------------------------------|---------------|----------------------|---------|-----------|
| <input type="checkbox"/> | Modn_C73_C74                    | Pending reply | 1900-01-01           |         |           |

Fatally rejected (104)  
Accepted with warning (0)  
Failed to file (341)  
Not filed (568)  
Accepted with condition (0)  
Pending reply (270)

All AES filings (1,200)

## FTP file for Shipment in Angular:

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A 7430495671512SVEXT202503111445 N743049567
SC1N40CANC179 MODN_C73_C74 ACOVEYANCE
SC27012345 N
N0174304956700EESELLERNAME
ES1243 F USPPI CONTACT PHONE# MISSING
ES1256 F USPPI POSTAL CODE NOT VALID FOR STATE
NN02ULTCOSADDR1EX
NUMERIC
N03UCCITYAESTEST NYUS0000 D
ES1338 F ULT CONS POSTAL CODE MUST BE NUMERIC
STATE N01FORWID00000DFFORWNAME
AUTH AGT PARTY ID MUST BE NUMERIC
N02100 TRYON STREET
N03FORWCITY EU49
ES1291 F AUTH AGT COUNTRY MUST BE US
0000000000 AC73FN 1ES1504 F LICENSE CODE UNKNOWN
000000000000003500 0000000000000000103D001AIA
ES1558 F OPA LTC NBR INELIGIBLE
0000000000 AC74FN 1ES1504 F LICENSE CODE UNKNOWN
000000000000003500 0000000000000000103D001ACM
ES1558 F OPA LIC NBR INELIGIBLE
RETRANSMIT Y 74304956700E
743049567 EXT202503111445 743049567
B 74304956700E SELLERNAME
ES1120 F CARRIER UNKNOWN
ES1152 F ENTRY NBR MUST BE AT LEAST 9 CHARS
N02SFL1
N03SFCITY NCUS29800
N0196851200000DCULTCOSCOMEX
ES1325 F ULT CONS CONTACT PH# MUST BE
ES1326 F ULT CONS CONTACT PHONE# INELIGIBLE
ES125B F ULT CONS COUNTRY CANNOT BE US
ES1340 F ULT CONS POSTAL CODE NOT VALID FOR
ES1267 F
ES1270 F AUTH AGT LOCATION NOT ALLOWED FOR TYPE
ES1284 F AUTH AGT CONTACT PHONE# MISSING
ES1292 F AUTH AGT STATE MISSING
CL10S 0001TEST 123 CL28426411000
ES1623 F SCHED B/HTS NBR UNKNOWN
CL10S 0002TEST 123 CL28426411000
ES1623 F SCHED B/HTS NBR UNKNOWN
ES1970 RF SHIPMENT REJECTED; RESOLVE &
SELLERNAME
Z

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