Integration Stub between KRIA and Manifest

Version 1.0
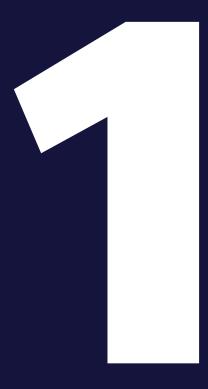
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Version control		
Version	**Dato**	**Change**
1.0	18-04-2024	Initial version.

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Purpose of this document

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The purpose of this document is to describe the integration Stub between KRIA and Manifest in the TFE environment. The TFE environment is not connected to EU Common Repository or the national risk system. The purpose of the Stub is to simulate requests and responses between KRIA and Manifest.

Introduction to the TFE environment

2

Introduction

The following will document the technical implementation of the integration Stub between KRIA and TFE to simulate test scenarios with arrival or departure in Manifest.

On arrival declarations, Stub will ensure that references to ENSs and receptacles in KRIA return relevant data that can be used in Manifest for validation and reconciliation for safety and security.

The existing Stub for updating ENSs and receptacles in KRIA with actual arrival will continue to allow the processing of arrivals in Manifest to be finalized with arrival notifications.

Master Consignment Stub Format

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Master Consignment Stub Format

Below is an example of Master Consignment Stub Format with *Transport Document Type, Transport Document Reference* and *Customs Documents Reference. Transport Document Reference* indicates the test scenario and *Customs Documents Reference* should be a valid MRN number. The *Transport Document Type* must be C665.

```
<TraDocTypMANITE>C665</TraDocTypMANITE>
<TraDocRefMANITE>UXF20ST67ARYBPYPRYBCNN99YREPLYPAYGM1</TraDocRefMANITE>
<CusDatRefCDA>24DK04010115540MT5</CusDatRefCDA>
```

MRN requirements

The MRN-number should be 18 digits. The first two digits should be year and the following two country. The 16th character should be 'M' for the MRN to be identified as Master MRN and the 17th character must be 'T' to identify it as KRIA MRN.

Example: 24DK04010115540MT5

Test scenarios in Transport Document

Test scenarios must be in accordance with the pattern below:

UXFxxSTxxARxBPxPRxBCxN99xYyPLxPAxGMx

Fxx: Specific circumstance indicator (E.g F20)

STxx: State:
- ST50 – Pre-load risk analysis requested – not completed
- ST57 – Pre-load risk analysis completed
- ST60 – Pre-arrival risk analysis requested – not completed
- ST67 – Pre-arrival risk analysis completed
- ST19 – Arrived
- ST40 – Being presented
- ST21 – Presented
- ST70 – Under control

ARx: Arrived
- ARY – Yes
- ARN – No

BPx: Being Presented
- BPY – Yes
- BPN – No

PRx: Presented
- PRY – Yes
- PRN – No

BCx: To be controlled
- BCY – Yes
- BCN – No

N99x: Message in DKRN10 response
- N99Y: Error or warning list will be generated for the KRIA HC
- N99N: Error or warning list will not be generated for the KRIA HC
- N99E: Entire Presentation Failed will be populated

Yy: Control Message status in DK3S08 KRIA response
- RE: Released
- DE: Detained

PLx: Pre load Risk Done
- PLY – Yes
- PLN – No

PAx: Pre Arrival Risk Done
- PLY – Yes
- PLN – No

GMx: Weight/Total Gross Mass with one decimal
- GM1 = 0,5 kg
- GM2 = 10,4 kg
- GM3 = 500,3 kg
- GM4 = 5000,2 kg
- GM5 = 10000,0 kg

Others:

Use State 70 (ST70 – Under control) to get details of goods that are subject to control in DKRN10 response. Manifest creates IEAN08 & IEAS08 message files when notification request is submitted.

Pattern for "Rejected Master Consignment" response from KRIA.

Transport Document Reference – Any reference value which is not adhering to the agreed format will be regarded as a rejected Master Level Consignment.

House Consignment Stub Format

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House Consignment Stub Format

Below is an example of House Consignment Stub Format with *Transport Document Type, Transport Document Reference* and *Customs Documents Reference. Transport Document Reference* indicates the test scenario and *Customs Documents Reference* should be a valid MRN number. The *Transport Document Type* must be C665.

```
<TraDocTypMANITE>C665</TraDocTypMANITE>
<TraDocRefMANITE>UXF20ST67ARYBPYPRYBCNN99YREPLYPAYGM1</TraDocRefMANITE>
<CusDatRefCDA>24DK04010115540AT5</CusDatRefCDA>
```

MRN requirements

The MRN-number should be 18 digits. The first two digits should be year and the following two country. The 17th character must be 'T' to identify it as KRIA MRN.

Example: 24DK04010115540AT5

Test scenarios in Transport Document

Test scenarios must be in accordance with the pattern below:

UXFxxSTxxARxBPxPRxBCxN99xYyPLxPAxGMx

Fxx: Specific circumstance indicator (E.g F20)

STxx: State:
- ST50 – Pre-load risk analysis requested – not completed
- ST57 – Pre-load risk analysis completed
- ST60 – Pre-arrival risk analysis requested – not completed
- ST67 – Pre-arrival risk analysis completed
- ST19 – Arrived
- ST40 – Being presented
- ST21 – Presented
- ST70 – Under control

ARx: Arrived
- ARY – Yes
- ARN – No

BPx: Being Presented
- BPY – Yes
- BPN – No

PRx: Presented
- PRY – Yes
- PRN – No

BCx: To be controlled
- BCY – Yes
- BCN – No

N99x: Message in DKRN10 response
- N99Y: Error or warning list will be generated for the KRIA HC
- N99N: Error or warning list will not be generated for the KRIA HC
- N99E: Entire Presentation Failed

Yy: Control Message status in DK3S08 KRIA response
- RE: Released
- DE: Detained

PLx: Pre load Risk Done
- PLY – Yes
- PLN – No

PAx: Pre Arrival Risk Done
- PLY – Yes
- PLN – No

GMx: Weight/Total Gross Mass with one decimal
- GM1 = 0,5 kg
- GM2 = 10,4 kg
- GM3 = 500,3 kg
- GM4 = 5000,2 kg
- GM5 = 10000,0 kg

Others:

Use State 70 (ST70 – Under control) to get details of goods that are subject to control in DKRN10 response. Manifest creates IEAN08 & IEAS08 message files when notification request is submitted.

Pattern for "Rejected House Consignment" response from KRIA.

Transport Document Reference – Any reference value which is not adhering to the agreed format will be regarded as a rejected House Level Consignment.

Receptacle Stub Format

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Receptacle Stub Format

Below is an example of Receptacle Stub Format with *Customs Documents Type* and *Customs Documents Reference. Customs Documents Reference* indicates the test scenario.

```
<CusDatTypCDA>2RTC</CusDatTypCDA>
<CusDatRefCDA>24DKACCST70F44PAYARYBPYPRYN99YDE </CusDatRefCDA>
```

Test scenarios in Receptacle identification

Test scenarios must be in accordance with the pattern below:
                          24DKACCSTxxF44PAxARxBPxPRxN99xYyBCx

AAC means it is valid receptacles.

STxx: State:
- ST60 – Pre-arrival risk analysis requested – not completed
- ST67 – Pre-arrival risk analysis completed
- ST19 – Arrived
- ST40 – Being presented
- ST21 – Presented
- ST70 – Under control

Fxx: Specific circumstance indicator (Must be F44 for receptacle)

PAx: Pre Arrival Risk Done
- PLY – Yes
- PLN – No

ARx: Arrived
- ARY – Yes
- ARN – No

BPx: Being Presented
- BPY – Yes
- BPN – No

PRx: Presented
- PRY – Yes
- PRN – No

N99x: Message in DKRN10 response
- N99Y: Error or warning list will be generated for the KRIA HC
- N99N: Error or warning list will not be generated for the KRIA HC
- N99E: Entire Presentation Failed

Yy: Control Message status in DK3S08 KRIA response
- RE: Released
- DE: Detained

BCx: To be controlled
- BCY – Yes
- BCN – No

Others:

Use State 70 (ST70 – Under control) to get details of goods that are subject to control in DKRN10 response. Manifest creates IEAN08 & IEAS08 message files when notification request is submitted.

Pattern for "Rejected Receptacle" response from KRIA. Any reference value which is not adhering to the expected pattern will be regarded as a rejected receptacle.

Stub Format for Contingency Procedure

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Stub Format for Contingency Procedure

Below is an example of House Consignment Stub Format with *Transport Document Type*, *Transport Document Reference* and *Customs Documents Reference*. *Transport Document Reference* indicates the test scenario and *Customs Documents Reference* should be a valid MRN number. The *Transport Document Type* must be C665.

```
<TraDocTypMANITE>C665</TraDocTypMANITE>
<TraDocRefMANITE>UXF20ST67ARYBPYPRYBCNN99YREPLYPAYGM1</TraDocRefMANITE>
<CusDatRefCDA>21DKMCKKRIAHCMRNT1</CusDatRefCDA>
```

The N99 value in *Transport Document Reference* decides whether it is a successful KRIA presentation call or if the KRIA presentation call failed.

- N99Y: Error or warning list will be generated for the KRIA HC
- N99N: Error or warning list will not be generated for the KRIA HC
- N99E: Entire Presentation Failed