UNECE-IRU eTIR Pilot between Turkey and the Islamic Republic of Iran Part 2

Tbilisi, 22 June 2015

Philippe Grosjean – Chief Information Officer
Scenario – if time allows
TIR holder and association related processes for eTIR pilot
Holder Portal: order eguarantees
### Order details (31)

#### Order summary

<table>
<thead>
<tr>
<th>Order ID</th>
<th>Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>05/12/2014</td>
<td>Accepted</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Haulier</th>
<th>Requested by</th>
<th>Quota</th>
</tr>
</thead>
</table>

#### Carnets

- 0 in circulation

#### eGuarantees

- 10 in circulation

### Order details: 1 type(s) / 10 eGuarantee(s)

<table>
<thead>
<tr>
<th>Type</th>
<th>Requested</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard</th>
<th>Expiry date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX 1 000 000 125</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>PX 1 000 000 126</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>SX 1 000 000 127</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>VX 1 000 000 128</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>YX 1 000 000 129</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>XB 1 000 000 130</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>XF 1 000 000 131</td>
<td>03/02/2015</td>
</tr>
</tbody>
</table>
Eguarantee issuance message

1: ORDER

2: APPROVAL/ISSUANCE

3: EGUARANTEE NUMBER

IRU

TIR Holder Portal

TIR Association Portal

IRU

TIR UNECE System

CUSTOMS
Electronic guarantee issuance

1: ORDER

2: APPROVAL/ISSUANCE

3: EGUARANTEE NUMBER

eGuarantee lifecycle:
Issued
In use
In circulation
At destination
Discharged

IRU
TIR Holder Portal

IRU
TIR Association Portal

IRU
TIR UNECE System

CUSTOMS
Holder Portal: see issued eGuarantees

MARS LOJISTIK ULUS. TAS.TIC.AS.

Home  eGuarantees  EPDs  Company info  Admin

My Orders

Status: Accepted
From: 05/12/2014
To: dd/mm/yyyy

<table>
<thead>
<tr>
<th>Order #</th>
<th>Quantity</th>
<th>Status</th>
<th>Last update</th>
<th>Ordered by</th>
<th>Order date</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>10</td>
<td>Accepted</td>
<td>05/12/2014</td>
<td>Martin Johnson</td>
<td>05/12/2014</td>
</tr>
</tbody>
</table>

eGuarantees

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard</th>
<th>Expiry date</th>
</tr>
</thead>
<tbody>
<tr>
<td>MX1000000125</td>
<td>SX1000000127</td>
<td>03/02/2015</td>
</tr>
<tr>
<td>PX1000000126</td>
<td>VX1000000128</td>
<td></td>
</tr>
</tbody>
</table>

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Hoder Portal: Create Electronic Pre-Declaration (EPD)

New EPD

Carnet validity

- **Type**: Paper carnets or eGuarantee
- **eGuarantee**: XK1000000133 (03/02/2015)
- **Holder unique ID**: TUR/042/1173

Mandatory fields

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New EPD - Carnet no. XK1000000133

Summary

TIR Carnet number: XK1000000133

- Departure / Entry: Turkey – Ankara Gümüşhane (061600)
- Destination / Exit: Iran – Tehran Customs (103000)
- Vehicle number: A5321DD
- Number of packages: 76
- Total weight: 1786 kg.
- Turkish TAX ID: TR12345642

EPD's will be sent to:
- Turkey - Ankara Gümüşhane (061600)
- Iran - Bazargan (30100)

Consignment 1: Turkey – Iran

- ARIF SEYLAN
- DEMCO INTER

- Accept terms and conditions
- Declaration place: Ankara

- Send EPD
Send EPD, receive reference number

1: send EPD

2: send Reference
Send EPD, and reference number

1: send EPD

2: send Reference

eGuarantee lifecycle:
Issued
In use
In circulation
At destination
Discharged
TIR eGuarantee
XK1000000133

Transit electronic declaration details:

<table>
<thead>
<tr>
<th>Country</th>
<th>Customs Ref. Number</th>
<th>Registration Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR - Ankara GUmrUk</td>
<td>MRNXK1000000133P010062</td>
<td>05/12/2014 14:44 UTC</td>
</tr>
<tr>
<td>MUDurlUGU</td>
<td>MRNXK1000000133P030065</td>
<td>05/12/2014 14:44 UTC</td>
</tr>
<tr>
<td>IR - Bazargan</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Receive Electronic Pre-Declaration (EPD) pass by email
Holder Portal: Paper carnet print-out, volets to be signed
Start journey
Retrieve Guarantee data

1: request guarantee data

2: send guarantee history data
Leave customs office of departure
(release for transit message)

Ankara
Send Release for Transit

1: send Release for transit

2: forward Release for transit
Send Release for Transit

1: send Release for transit

2: forward Release for transit

eGuarantee lifecycle:

- Issued
- In use
- In circulation
- At destination
- Discharged

UNECE System
Customs office of exit (exit message)
Send Exit message

1: send Exit
2: forward Exit

IRU TIR Holder Association Portal

TIR UNECE System

CUSTOMS
Customs office of entry

Bazargan
Retrieve Guarantee data

1: request guarantee data

2: send guarantee history data
Leave customs office of entry (release for transit message)
Send Release for Transit

1: send Release for transit

2: forward Release for transit
Association Portal: eGuarantee monitoring

**eGuarantee Summary**
- **eGuarantee #**: XK 1 000 000 133
- **Order ID**: 31
- **Haulier**: TUR/042/1173
- **Issued**: 05/12/2014
- **Type**: Standard
- **Status**: In Circulation
- **Expiry date**: 03/02/2015

**Customs Operations**: 2
- From: TUR - 061600 - Ankara GUMrUk MUDUr
  To: TUR - 650100 - GURBULAK GUMRUK
  Reference #: MRNXK10000000133PC
  Release for transit: 05/12/2014
  Exit / Transit terminated: 05/12/2014
- From: IRN - 30100 - Bazargan
  To: IRN - 10300 - Tehran Customs
  Reference #: MRNXK10000000133PC
  Release for transit: 05/12/2014
  Exit / Transit terminated: 05/12/2014

**Customs Messages**: 5
- **Type**: Release For Transit
  **Country**: IRN - Iran
  **Customs office**: 30100 - Bazargan
  Date & Time: 05/12/2014 15:47:07
- **Type**: Release For Transit
  **Country**: TUR - Turkey
  **Customs office**: 061600 - Ankara GUMrUk MUDUr
  Date & Time: 05/12/2014 15:45:44
- **Type**: Customs Reference
  **Country**: IRN - Iran
  **Customs office**: 30100 - Bazargan
  Date & Time: 05/12/2014 15:44:39
- **Type**: Customs Reference
  **Country**: TUR - Turkey
  **Customs office**: 061600 - Ankara GUMrUk MUDUr
  Date & Time: 05/12/2014 15:44:03
- **Type**: Exit Notification
  **Country**: TUR - Turkey
  **Customs office**: 10225000
  Date & Time: 05/12/2014 00:00:00

**Status History**: 3
- **Status**: In Circulation
  Date & Time: 05/12/2014 15:45:44
- **Status**: In Use
  Date & Time: 05/12/2014 15:44:03
- **Status**: Issued
  Date & Time: 05/12/2014 15:29:08
Customs office of destination (final termination message)
Send Termination message

1: send termination

2: forward termination
Send Termination message

1: send termination

2: forward termination

eGuarantee lifecycle:
- Issued
- In use
- In circulation
- At destination
- Discharged
Send Discharge message

1: send Discharge
2: forward Discharge
Send Discharge message

**1: send Discharge**

**2: forward Discharge**

**eGuarantee lifecycle:**
- Issued
- In use
- In circulation
- At destination
- Discharged
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>EPD Status</th>
<th>Reference</th>
<th>Release for transit</th>
<th>Exit / Transit terminated</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR - Ankara GUmRUK</td>
<td>TR - GURBULAK GUMIRUK</td>
<td>No more response expected</td>
<td>MRNXX10000133</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>MUDURLUGU</td>
<td></td>
<td></td>
<td>P010062</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR - Bazargan</td>
<td>IR - Tehran Customs</td>
<td>No more response expected</td>
<td>MRNXX10000133</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>P030065</td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>
### Custom Operations

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Reference #</th>
<th>Release for transit</th>
<th>Exit/Transit terminated</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUR - 061600 - Ankara GUmrUk MUCuUrUGU</td>
<td>TUR - 650100 - GURBULAK GUmrUk MUCuUrUGU</td>
<td>MRNXK1000000133P1</td>
<td>05/12/2014</td>
<td>05/12/2014</td>
<td>05/12/2014</td>
</tr>
<tr>
<td>IRN - 30100 - Bazargan</td>
<td>IRN - 10300 - Tehran Customs</td>
<td>MRNXK1000000133P1</td>
<td>05/12/2014</td>
<td>05/12/2014</td>
<td>05/12/2014</td>
</tr>
</tbody>
</table>

### Status

<table>
<thead>
<tr>
<th>Status</th>
<th>Date &amp; Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discharged</td>
<td>05/12/2014 15:51:43</td>
</tr>
<tr>
<td>At Destination</td>
<td>05/12/2014 15:48:31</td>
</tr>
<tr>
<td>In Circulation</td>
<td>05/12/2014 15:45:44</td>
</tr>
<tr>
<td>In Use</td>
<td>05/12/2014 15:44:03</td>
</tr>
<tr>
<td>Issued</td>
<td>05/12/2014 15:29:08</td>
</tr>
</tbody>
</table>
IRU DB: eGuarantees monitoring and risk management:

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### General Information
- **Issuing Association**: IRU ID 42 - TR/TOBB
- **Holder**: TUR/042/1173
- **Lifecycle status**: 2 - ARCHIVE
- **Reason**: 139 - CUCLOSED

### Pocket & Serie

### Pre-declarations with Customs operations: TUR - IRN

<table>
<thead>
<tr>
<th>Country</th>
<th>Customs office</th>
<th>Customs operations</th>
<th>OK/R</th>
<th>VPN</th>
<th>Customs ledger</th>
<th>CL date</th>
<th>Certificate</th>
<th>Certificate date</th>
<th>Customs comment</th>
<th># of packages</th>
<th>Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUR</td>
<td>061600 - Ankara GUmUK MUDURLUGU</td>
<td>Release for Transit</td>
<td>-</td>
<td>1</td>
<td>MRNX1000000133P010062</td>
<td>05/12/2014</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>05/12/2014</td>
</tr>
<tr>
<td>TUR</td>
<td>650100 - GURBULAK GUmUK MUDURLUGU</td>
<td>Exit</td>
<td>CK</td>
<td>2</td>
<td>007222</td>
<td>05/12/2014</td>
<td>05/12/2014</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>05/12/2014</td>
</tr>
<tr>
<td>TUR</td>
<td>650100 - GURBULAK GUmUK MUDURLUGU</td>
<td>Discharge</td>
<td>-</td>
<td>3</td>
<td>MRNX1000000133P010062</td>
<td>05/12/2014</td>
<td>-</td>
<td>-</td>
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<td>05/12/2014</td>
</tr>
<tr>
<td>IRN</td>
<td>320100 - Bajgiran</td>
<td>Release for Transit</td>
<td>-</td>
<td>4</td>
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<td>05/12/2014</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>05/12/2014</td>
</tr>
<tr>
<td>IRN</td>
<td>103000 - Tehran Customs</td>
<td>F</td>
<td>CK</td>
<td>5</td>
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<td>05/12/2014</td>
<td>-</td>
<td>-</td>
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<td>05/12/2014</td>
</tr>
<tr>
<td>IRN</td>
<td>103000 - Tehran Customs</td>
<td>Discharge</td>
<td>-</td>
<td>6</td>
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<td>05/12/2014</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>05/12/2014</td>
</tr>
</tbody>
</table>

### Pre-declarations and status: 2 records

### Cases: 6 case

<table>
<thead>
<tr>
<th>Date</th>
<th>State</th>
<th>Reason</th>
<th>Lifecycle status</th>
<th>Archive #</th>
<th>Association/Owner</th>
<th>User</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/12/2014</td>
<td>2</td>
<td>ARCHIVE</td>
<td>DISCHARGED</td>
<td>-</td>
<td>42 - TR/TOBB</td>
<td>SURY14</td>
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<tr>
<td>05/12/2014</td>
<td>6</td>
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<td>ARRIVED</td>
<td>-</td>
<td>42 - TR/TOBB</td>
<td>SURY14</td>
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<tr>
<td>05/12/2014</td>
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<td>ISSUED</td>
<td>IN CIRCULATION</td>
<td>-</td>
<td>42 - TR/TOBB</td>
<td>SURY14</td>
</tr>
<tr>
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<td>5</td>
<td>ISSUED</td>
<td>IN USE</td>
<td>-</td>
<td>42 - TR/TOBB</td>
<td>SURY14</td>
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<td>05/12/2014</td>
<td>5</td>
<td>ISSUED</td>
<td>-</td>
<td>-</td>
<td>42 - TR/TOBB</td>
<td>SURY14</td>
</tr>
</tbody>
</table>
IRU WORKING TOGETHER FOR A BETTER FUTURE since 1948
eTIR – High-level target architecture
Some of the challenges faced

Paper or not paper?
- Print@home as fallback

Declarant needs digital signature in each country?
- 2 step authentication of TIR Holder vis-à-vis IRU and Customs
- Digital Signature @IRU vis-à-vis Customs as solution
• Fully secure (inc. central DB check)
• Free of charge
• Data import
• Commercial data kept confidential
• EPD sent simultaneously to all countries
• Multilingual user interface
• Accessible via the internet from anywhere in the world
• 31 connected countries
Real-Time SafeTIR (RTS)

- Secure real-time guarantee check
- SafeTIR data transmission
- Data reconciliation
- 20 connected countries
TIR Customs Portal

- Accessible by all customs officers via the internet from anywhere in the world
- Fallback solution to Real-Time SafeTIR
- Up-to-date guarantee status
- Consultation of TIR guarantee information
- Submission of SafeTIR data
- TIR Holder admission process
- TIR Carnet issuance and return
- Risk management
- Available in national languages
- Web service interface and management of electronic guarantees under development
- 27 associations in operation