Administrative Committee for the TIR Convention, 1975

TIR Executive Board (TIRExB)

Fifty-eighth session
Geneva, 8–9 April 2014
Agenda item X

Others matters

Activities of the secretariat

International TIR Data Base (ITDB)

Presentation by the secretariat

Enclosed, the secretariat reproduces hand-outs of a presentation by the secretariat on the integration of the Finnish NCTS/TIR with the International TIR Data Bank Web Service, for discussion of the Board under Agenda item X.

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GE.
Integration of the Finnish NCTS/TIR with the International TIR Data Bank Web Service

José Ferreiro
UNECE - Transport Division - TIR secretariat
TIR Executive Board (TIRExB)
Agenda item X
Geneva, 9 April 2014

Overview

1. International TIR Data Bank Web Service (ITDBWS)
2. ITDBWS Practical Example
3. ITDBWS Statistics
4. Conclusions
What is the International TIR Data Bank Web Service (ITDBWS)?

- A machine-to-machine **messaging service** to the International TIR Data Bank (ITDB)
- Secure exchange of data: encryption and digital signatures
- Implementation of I3 and I4 messages according to the eTIR Reference Model 3.0
  - eTIR building block
- Based on Open standards and Open source
- Integrated with the NCTS/TIR at the end of 2013. In use since 2 December 2013

What does the ITDBWS offer?

**ITDBWS** provides a secure interface to query automatically the ITDB

**Two functions:**

1. **getHolderAuthorization**  
   - returns 'YES' for an authorized holder  
   - or 'NO' for unauthorized holder

2. **getHolderInformation**  
   - implements I3 and I4 messages  
   - according to the eTIR Reference Model 3.0

**Goal:** transparent way for customs officers to validate a TIR Carnet holder within the national customs system
Some TIR customs offices

Some TIR customs offices - South
A practical example:
TIR Carnet holder in TURKU

A practical example:
TIR Carnet holder in TURKU
A practical example:
TIR Carnet holder in TURKU

A practical example:
TIR Carnet holder in TURKU
**ITDBWS stats: Performed Queries/Month**

**TIME PERIOD** is 02 December 2013 - 31 March 2014

**ANSWERS RATES:** Found 98.3% (14'877), Not found 1.7% (209)

**AVERAGE/MONTH:** 3'771

<table>
<thead>
<tr>
<th>Month</th>
<th>Queries</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 2013</td>
<td>4'156</td>
<td>(98.6%)</td>
</tr>
<tr>
<td>January 2014</td>
<td>4'075</td>
<td>(99%)</td>
</tr>
<tr>
<td>February 2014</td>
<td>3'497</td>
<td>(98.4%)</td>
</tr>
<tr>
<td>March 2014</td>
<td>3'149</td>
<td>(98.3%)</td>
</tr>
</tbody>
</table>

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**ITDBWS stats: Queried TIR Carnet holders per Contracting Party**

[Map showing distribution of TIR Carnet holders per Contracting Party]
CONCLUSIONS

- Successful integration of the Finnish NCTS/TIR with the web service
- 98.3% of the queries were successfully answered
- Data pulled from 22 countries
- Contribution to the eTIR
- Future: additional services may be developed to exchange data automatically “System to System”

Thanks and congratulations to the Finnish customs

http://www.tulli.fi