TIR EXECUTIVE BOARD (TIRExB)

COMMISSION DE CONTROLE TIR (TIRExB)

ИСПОЛНИТЕЛЬНЫЙ СОВЕТ МДП (ИСМДП)

Distr.: General
3 April 2014

ENGLISH ONLY

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.

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

Slide 1 of 11

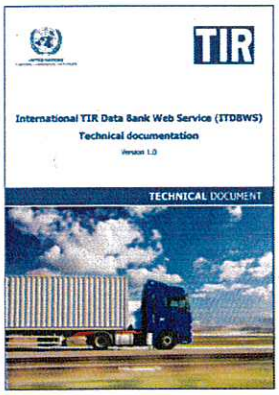
What is the International TIR Data Bank Web Service (ITDBWS)?

- **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**

Slide 2 of 11

What does the ITDBWS offer?



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

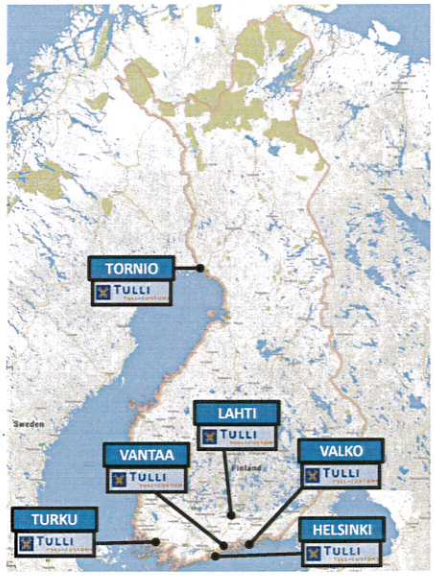
Two functions:

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

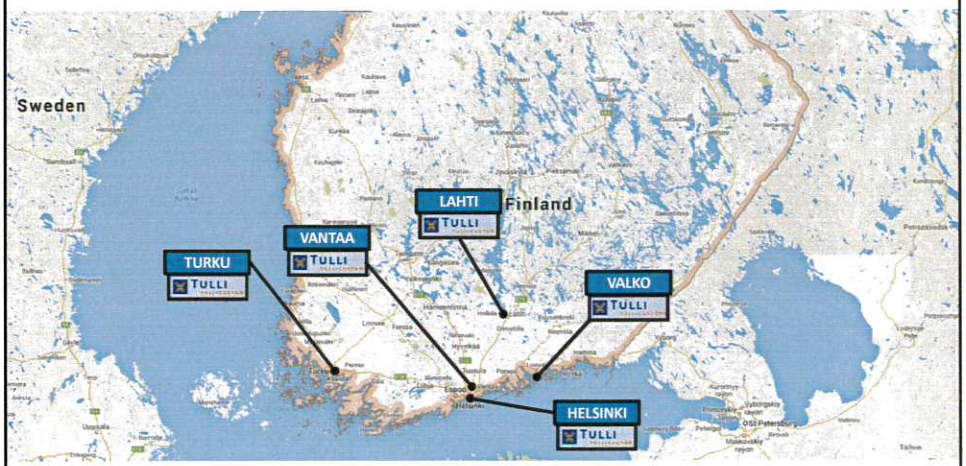
Slide 3 of 11

Some TIR customs offices



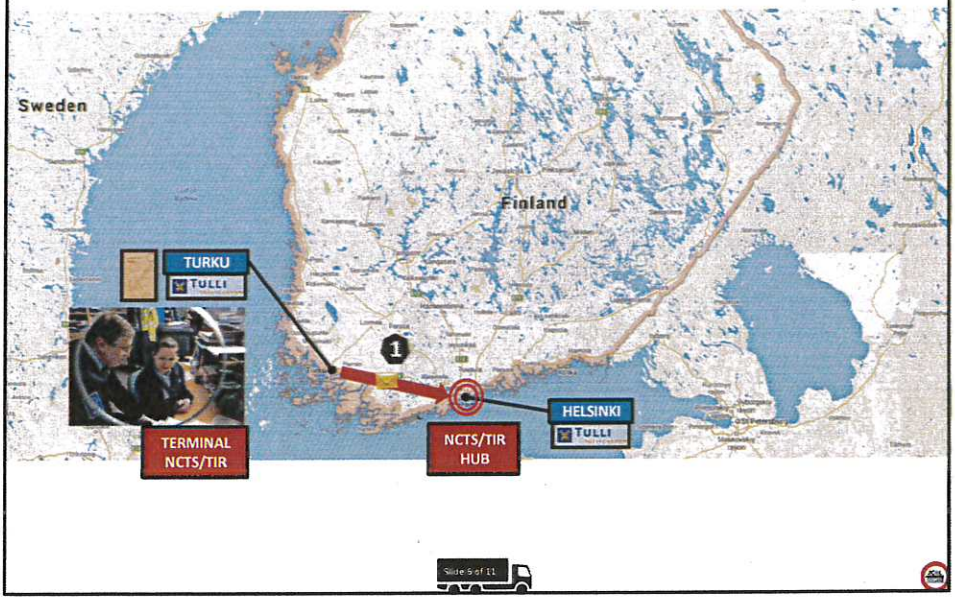
Slide 4 of 11

Some TIR customs offices - South



Slide 5 of 11

A practical example:
TIR Carnet holder in TURKU

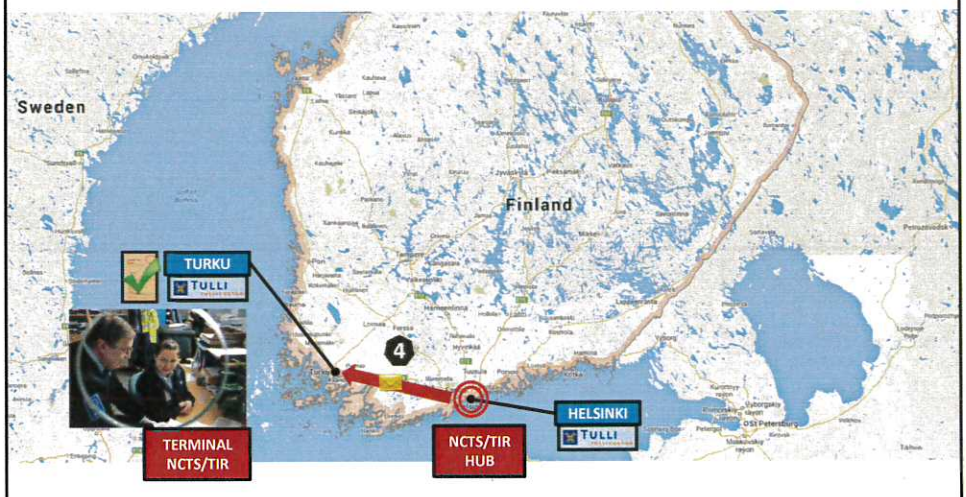


A practical example:
TIR Carnet holder in TURKU

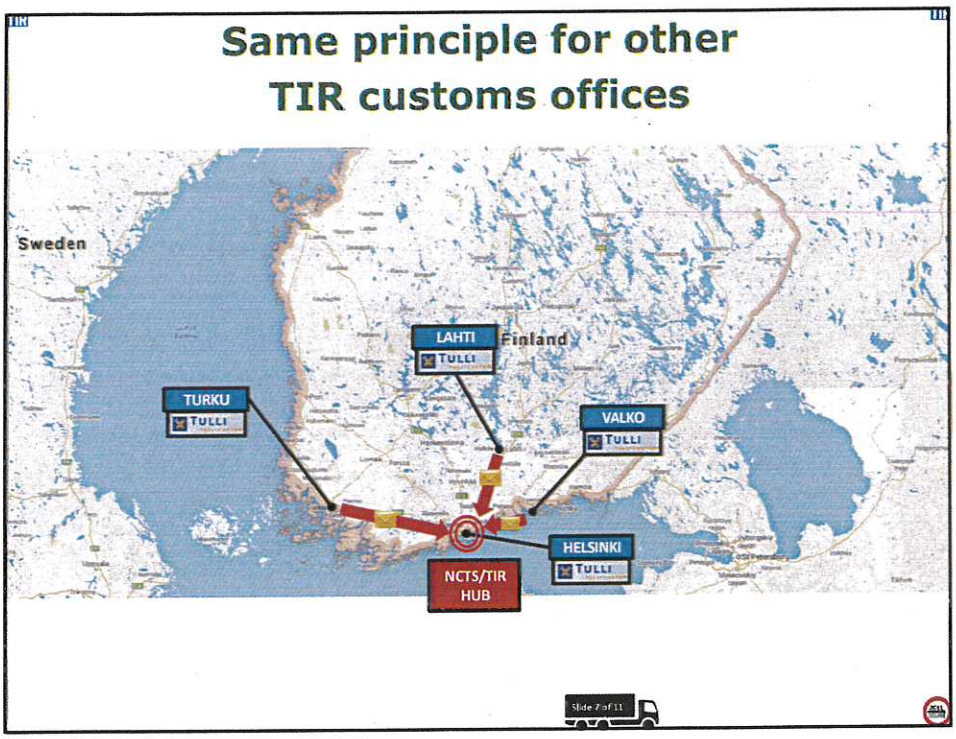
A practical example:
TIR Carnet holder in TURKU

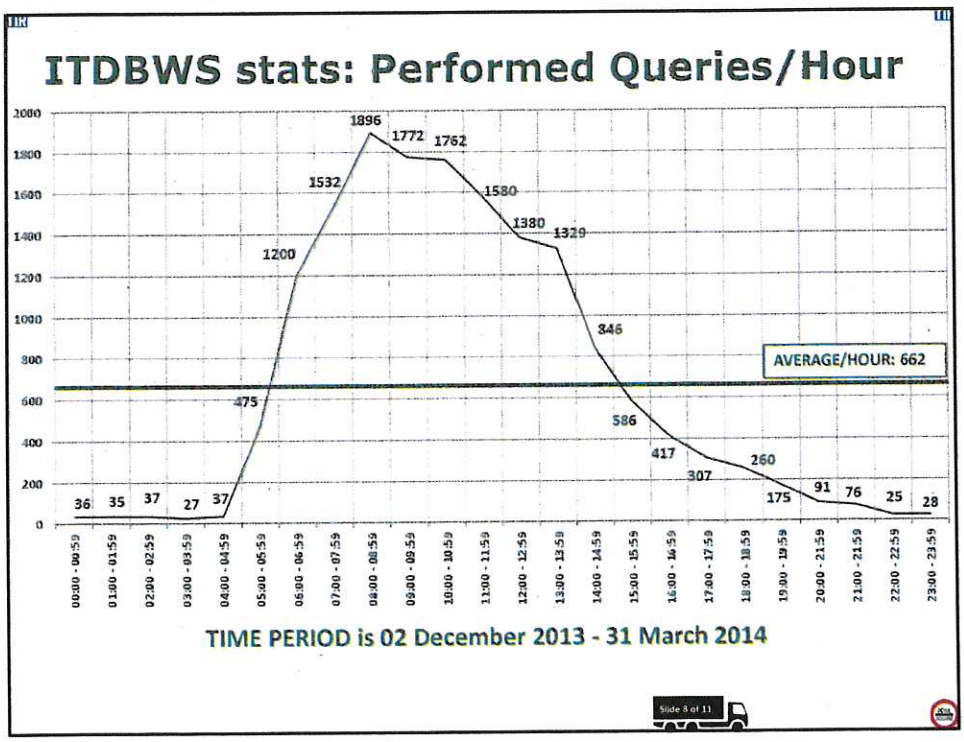
Slide 6 of 11

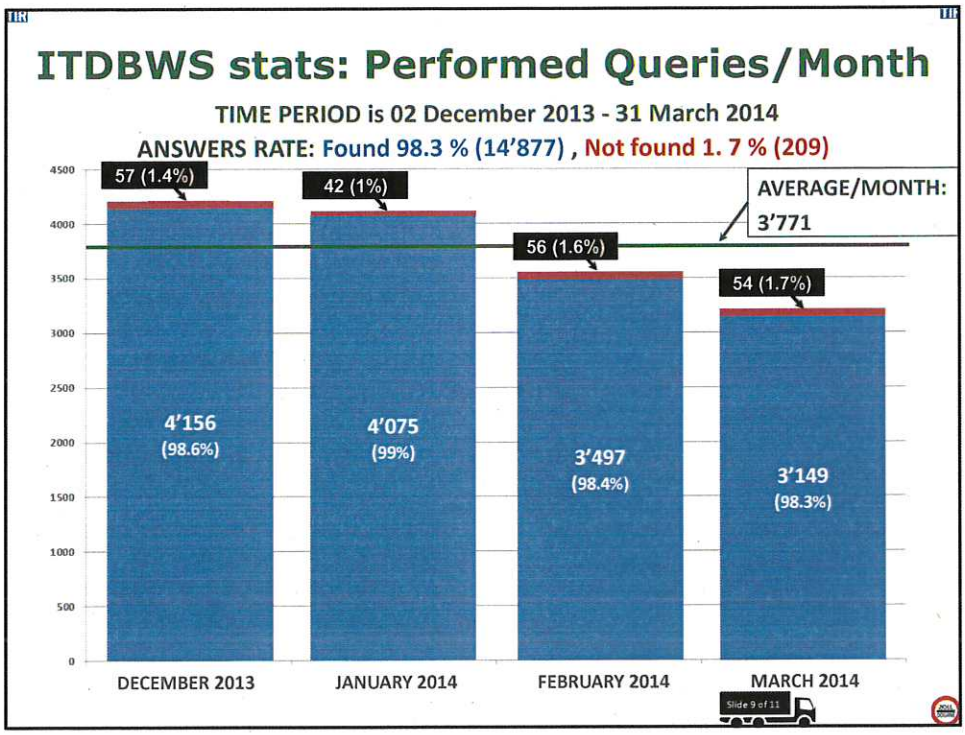
A practical example:
TIR Carnet holder in TURKU

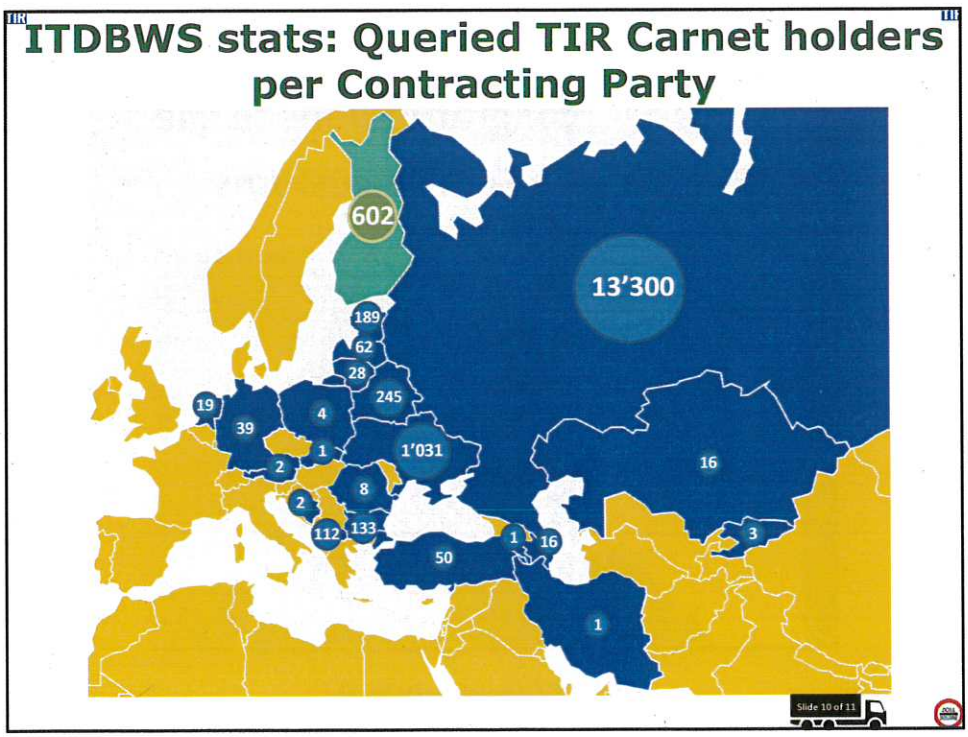


Slide 6 of 11

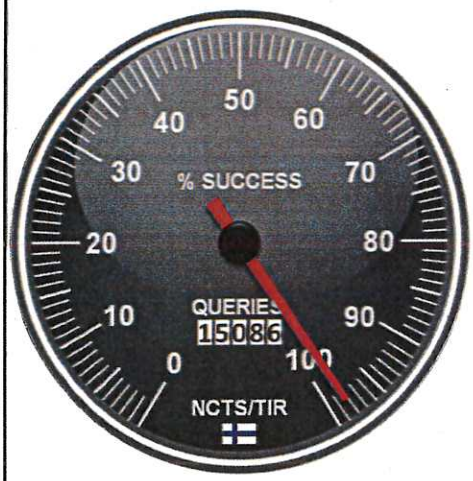

Same principle for other
TIR customs offices
Sweden
Finland
LAHTI
TULLI
TURKU
TULLI
VALKO
TULLI
HELSINKI
TULLI
NCTS/TIR
HUB
Slide 7 of 11


ITDBWS stats: Performed Queries/Hour
2000
1800
1600
1400
1200
1000
800
600
400
200
0
36
35
37
27
37
475
1200
1532
1896
1772
1762
1580
1380
1329
846
586
417
307
260
175
91
76
25
28
AVERAGE/HOUR: 662
00:00 - 00:59
01:00 - 01:59
02:00 - 02:59
03:00 - 03:59
04:00 - 04:59
05:00 - 05:59
06:00 - 06:59
07:00 - 07:59
08:00 - 08:59
09:00 - 09:59
10:00 - 10:59
11:00 - 11:59
12:00 - 12:59
13:00 - 13:59
14:00 - 14:59
15:00 - 15:59
16:00 - 16:59
17:00 - 17:59
18:00 - 18:59
19:00 - 19:59
20:00 - 20:59
21:00 - 21:59
22:00 - 22:59
23:00 - 23:59
TIME PERIOD is 02 December 2013 - 31 March 2014
Slide 8 of 11


ITDBWS stats: Performed Queries/Month
TIME PERIOD is 02 December 2013 - 31 March 2014
ANSWERS RATE: Found 98.3 % (14'877) , Not found 1. 7 % (209)
AVERAGE/MONTH: 3'771
57 (1.4%)
42 (1%)
56 (1.6%)
54 (1.7%)
4'156 (98.6%)
4'075 (99%)
3'497 (98.4%)
3'149 (98.3%)
DECEMBER 2013
JANUARY 2014
FEBRUARY 2014
MARCH 2014
Slide 9 of 11


ITDBWS stats: Queried TIR Carnet holders per Contracting Party
602
13'300
189
62
28
245
19
4
39
1
1'031
2
8
2
112
133
50
1
16
16
3
1
Slide 10 of 11

CONCLUSIONS



Query graph

- 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"

Slide 11 of 11

Thanks and congratulations to the Finnish customs

TULLI
TULL·CUSTOMS

http://www.tulli.fi