12-16 June 2016
Helsinki, Finland

Monday 13 June,
Session 1,
Strategies, Planning and Education

“How Making Professional Drivers Aware on Safety at Level Crossings”
Isabelle Fonverne
UIC in 2016

240 Members in 95 countries
UIC, its missions

Promoting the development of rail transport at world level, in order to meet challenges of mobility and sustainable Development

Key Challenges in terms of:
- Innovation
- Standardisation
- Transmission
- Dissemination
- Strategic Advice
UIC governance

Oleg Belozerov, Chairman
Renato Mazzoncini, Vice Chairman
Jean-Pierre Loubinoux, Director General

UIC General Assembly
240 MEMBERS

UIC Executive Board
21 MEMBERS

UIC Regional Assemblies

Africa 4
Asia 5
Europe 4
Middle East 3
North America 2
South America 1

Oceania 1
Russia 1

UIC Headquarters
UIC ORGANISATION STRUCTURE

PASSENGER
Stations
Commercial & Services
High Speed & Conventional

RAIL SYSTEM
Signaling
Rolling Stock
Infrastructure

FREIGHT

FUNDAMENTAL VALUES
Research
Safety
Security
Environment
Expertise Development

Communications, Institutional Relations, HR and Social, Finance
International cooperation on level crossing safety

IRU/UIC/OLE
Level Crossing Guidance

IRU
UIC

OPERATION LIFESAVER®
Estonia
Road transport tonnage distances in modern economies

- Less than 150km: 84.9%
- 150-500km: 11.8%
- 500-1000km: 2.4%
- Greater than 1000km: 0.9%
Culture of Road Safety

Vehicle Technology

Infrastructure

Human Factors
Accident Analysis ETAC – A Scientific Study

Results confirmed by other studies


The IRU Academy at a glance
A level crossing is an interface between road and rail infrastructure. According to the UN-ECE 1968 Vienna Convention and the Highway Code, trains have priority.

Using a level crossing is safe as long as users cross properly. Nevertheless, risks still exist and the consequences of a collision between trains and commercial vehicles can be dramatic.

Global freight and passenger traffic, both road and rail, have increased markedly in recent decades, thereby also increasing the risks of collisions at level crossings.

This is why IRU and UIC, two worldwide road and rail associations, plus Operation Lifesaver Estonia, have decided to join forces to raise awareness about level crossing safety amongst transport professionals. 3 safety guidances produced do not necessarily cover every situation that may arise when drivers of commercial vehicles use a level crossing, but it may help make them more aware of how to avoid the risks that may lead to a collision. These flyers will be distributed to professional drivers through IRU and used in their Academy for training sessions.

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http://ole.ee/en/ ; tamo@operationlifesaver.eu
The IRU/UIC/OLE Guidance will focus:

- On awareness that can save lives
- On recommendations
- On helping drivers to pay attention
- On cases of vehicle breaks down on railways tracks
- On providing observations
Availability

3 flyers available in 8 languages: English, French, German, Russian, Spanish, Italian, Chinese, Arabic and soon in Polish and Greek. Additional translations will follow later.

http://www.uic.org/levelcrossings?var_mode=calcul#documents
http://www.ilcad.org/LC-Safety-Tips.html
1) Level crossing safety guidance for Truck drivers

IN CASE OF EMERGENCY: ACTIONS TO BE TAKEN

- If the crossing lights start flashing, while crossing, keep going.
- If your vehicle is stuck between the barriers, drive through, breaking them.
- Move quickly away from a broken-down vehicle.
- Make emergency call.

SAFETY TIPS FOR TRUCK DRIVERS

www.iru.org/
www.uic.org/
www.ole.ee/en

AT GRADE/LEVEL CROSSINGS
2) Level crossing safety guidance for Bus/Coach drivers

IN CASE OF EMERGENCY: ACTIONS TO BE TAKEN

- If the crossing lights start flashing, while crossing, keep going.
- If your bus is stuck between the barriers, drive through, breaking them.
- Evacuate all passengers from the broken-down bus and move quickly away.
- Make emergency call.
3) Level crossing safety guidance for Taxi drivers

IN CASE OF EMERGENCY: ACTIONS TO BE TAKEN

- If the crossing lights start flashing, while crossing, keep going.
- If your vehicle is stuck between the barriers, drive through, breaking them.
- Evacuate all passengers from the broken-down vehicle and move quickly away.
- Make emergency call.

www.iru.org/
www.uic.org/
www.ole.ee/en
Press releases published on 3 May in EN/FR/GE

http://www.ilcad.org/Press-Media,394.html?var_mode=calcul
International cooperation on level crossing safety

ILCAD 2016, 8th edition: 40 countries

http://www.ilcad.org/ILCAD-2016.html
International Conference to launch ILCAD 2016
PROGRAMME [http://www.ilcad.org/ILCAD-2016.html](http://www.ilcad.org/ILCAD-2016.html)

Hosted by Latvian railways (LDz) and OLE

1. Riga: international conference on 10 June 2016: 120 attendees, 17 Speakers, 14 countries, journalists
2. Tallinn on 11 June 2016: technical visit of a rescue train
Worldwide, the 65-and-over population will more than double rising from over 600 million today to 1.6 billion by 2050 (8.5 % today / 17% of the global population in 2050), according to “An Aging World: 2015”: https://www.census.gov/content/dam/Census/library/publications/2016/demo/p95-16-1.pdf.

This new report from the US Census Bureau examines the continuing global aging trend and projected growth of the 65-and-over population, with an emphasis on the differences among world regions. It is observed in all countries but more in Europe and in Asia. Japan is the oldest country in the world and will retain that position in 2050. Worldwide, the 80-and-over population will triple by 2050 to 446.6 million against 126.4 in 2015. The average life expectancy should rise from 68.6 today to 76.2 in 2050.


Already today, but even more in the future, an aging population still driving, biking or walking through level crossings might become a greater issue for our society. In some countries medical exams are obligatory for seniors to continue driving.

In some countries (mainly in Europe, when statistics on the category of victims involved in collisions or in fatal accidents are available), collisions with seniors may amount to 18% of the total number of collisions at level crossings, and fatalities among seniors may amount to 38% of the total number of fatalities.

Each year, the ILCAD partners choose a different section of the public for their awareness campaign. Since we have been experiencing in a certain number of countries an increasing number of collisions at level crossings involving seniors, we have decided this year to focus on “Senior citizens and people with sensory and mobility restrictions”.

ILCAD 2016 video: UIC in collaboration with Latvian railways (LDz)

1’ video, available in Latvian, with subtitles in English or in Spanish or French. Was sent to ILCAD partners to be customised in other languages and used worldwide on tv and internet; video in English: « Do not overestimate your abilities near railway tracks! » : https://youtu.be/w_gwagAqCi0
In Spanish or French: http://www.ilcad.org/Videos.html
ILCAD 2016 posters: UIC in collaboration with Latvian railways

Upon request was customised in French, Spanish, Greek ... for ILCAD partners to be used worldwide
ILCAD 2017, 2018

1. In 2009 at the European Commission in Brussels: 1\textsuperscript{st} edition
2. In 2010 at the European Commission in Brussels and at INFRABEL in Belgium
3. In 2011 at PKP PLK in Warsaw, Poland
4. In 2012 at RFF in Paris, France
5. In 2013 at UNECE in Geneva, Switzerland
6. In 2014 at REFER in Lisbon, Portugal
7. In 2015, at TCDD in Istanbul, Turkey
8. In 2016, LDz and OLE, Riga and Tallinn
9. In 2017, Montréal, Canada
10. In 2018, USA ??? Or Czech Republic?
Thank you for your attention!

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