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Presentation to Working Party on Transport Statistics (WP.6)

Geneva, 12-14 June 2018
Overview

• Background
• Structure of work
• Considerations
• Process followed
• Overview of updates
• Next steps
Background

- Glossary is the principal reference tool for international transport statistics production, existed since early 1990s
- Since then updates have been discussed and/or agreed by WP.6 on
  - 2016: new passenger vehicle fuel types
  - 2016: line and track modifications of text (from EUAR)
  - 2015: IWW and gas and oil pipelines
- Agreed at WP.6 in 2016 that a new edition was needed
Informal group of Experts

- WP.6 in 2017 agreed to establish an informal Group of Experts (terms of reference ECE/TRANS/WP.6/2017/1)
- Experts from sixteen member States indicated interest, high country engagement
- Seven international organisations (plus ITF, Eurostat, UNECE). Big input from DG-MOVE, CCNR, EMSA, EUAR, UIC
- Work organized by mode, with these coordinators:
  - Spain (Air)
  - Norway (Maritime)
  - Canada (Rail)
  - Sweden (Road)
- No coordinator for other modes (but less fundamental changes to consider)
Group of Experts work

- September 2017: plenary conference call
- September 2017 to February 2018: suggestions made by countries and organisations
- February-March 2018: discussion of comments
- March 2018: proposals discussed at in-person meeting at ITF, with country coordinators and organisations
- April/May 2018: follow-up discussions and sharing of final decisions with all Group of Experts
- May 2018: final draft produced in time for WP.6 consideration

Ambitious timetable!
Considerations in the Update

- Reviewing existing errors and fixing problems. Removing unused definitions or self-explanatory variables ("State of occurrence: The State in...which an accident occurs.")
- New section on maritime accidents
- New sections for passenger mobility and the environmental impact of transport (to be considered later)
- Improving the global scope (do definitions reflect all transport modes in all countries?)
- Updates that reflect changes in technology (autonomous vehicles, taxi hailing), legislation, habits, data collection (bus and coach statistics)
- Aim for consistency across modes (desirable, but not always possible)
Philosophy

What is the Glossary’s overall purpose?

• A manual for the Common Questionnaire?

• A global reference tool for all transport statistics?

• A classification system?
  
  • (NST 2007 is only transport statistics classification recognized by UN)

• Something else?
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<thead>
<tr>
<th>A. RAIL TRANSPORT</th>
<th>B. ROAD TRANSPORT</th>
<th>C. INLAND WATERWAY TRANSPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accidents</strong></td>
<td><strong>Accidents</strong></td>
<td><strong>Inland waterway accidents</strong></td>
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<tr>
<td>A.01 Accident</td>
<td>B.01 Injury accident</td>
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<td>A.02 Suicide</td>
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<td>A.03 Attempted suicide</td>
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<td>A.04 Significant accident</td>
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<tr>
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<td>A.06 Extensive disruptions to traffic</td>
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<td>A.07 Injury accident</td>
<td>B.07 Person seriously injured</td>
<td>C.07 Person injured</td>
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<tr>
<td>A.08 Serious injury accident</td>
<td>B.08 Person slightly injured</td>
<td>C.08 Serious injury</td>
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<tr>
<td>A.09 Person killed (fatality)</td>
<td>B.09 Driver involved in an injury accident</td>
<td>An injury which is sustained by a person in a casualty rest</td>
</tr>
<tr>
<td>A.10 Person injured</td>
<td>B.10 Passenger involved in an injury accident</td>
<td>C.09 Person seriously injured</td>
</tr>
<tr>
<td>A.11 Collisions (collision of transit, including collisions with obstacles within the clearance gauge)</td>
<td>B.11 Pedestrian involved in an injury accident</td>
<td>Any person injured who was hospitalized for a period of more than 24 hours</td>
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<tr>
<td>A.12 Derailment</td>
<td>B.12 Accident between road vehicle and pedestrian</td>
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<td>A.13 Level crossing accidents</td>
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<tr>
<td>A.14 Accidents to persons caused by rolling stock in motion</td>
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<tr>
<td>A.15 Fires in rolling stock</td>
<td>B.15 Accident with drivers reported under the influence of alcohol, drugs or medication</td>
<td>C.13 Serious casualty</td>
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<td>A.16 Category of person in railway accident statistics</td>
<td>B.16 Daylight</td>
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<td>A.17 Accident involving the transport of dangerous goods</td>
<td>B.17 Darkness</td>
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<td></td>
<td>B.18 Twilight (or unknown)</td>
<td>C.16 Daylight</td>
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<td></td>
<td>B.19 Dry road surface</td>
<td>C.17 Darkness</td>
</tr>
<tr>
<td></td>
<td>B.20 Other road surface</td>
<td>C.18 Twilight (or unknown)</td>
</tr>
</tbody>
</table>
B. ROAD TRANSPORT

Road transport subgroup contact list (updated 21 Dec)
The coordinator for road is Maria Melkersson of Sweden Traffic Analysis (Maria.Melkersson@trafa.se). The relevant consultant is Marie-Noelle Lefebvre.

General Issues

- 2018/01/18 EC DG MOVE - EN
- 2018/01/23 Note from UNECE: the pilot questionnaire on bus and coach statistics collected by Eurostat and UNECE through the Web CORDIS (webcordis) seat-km offered etc) that will need to be added to the road chapter. See the terms used in the data cube here. Some of these terms are being synonymous with scheduled sea service E IV-02 (and could therefore be taken with some small modifications). Some other terms
- 2018/01/30 International Road Federation - EN

B.I Infrastructure

- 2018/01/30 Sweden - EN (concerns B.II-05, Category of road, and B.II-18 Urban area)
- 2018/01/30 Finland - Concerning B.II-13 Bus lane and “or low emission cars” to the text in italics.
- 2018/01/30 International Road Federation - EN
- 2018/01/25 UNECE 2+1 Road (Placeholder, further details to come).
- 2018/04/11 DG MOVE - Bicycle infrastructure proposal

B.II Transport Equipment

- 2018 (Submitted to the UNECE Working Party on Transport Statistics by the secretariat) - EN / FR / RU
- Note from UNECE and the IITF: We plan to add definitions for what constitutes an autonomous vehicle here, based on SAE level 3
- 2018/01/30 Finland - EN (comments concern B.II.A-11 passenger cars (addition of micro-cars), B.II.A-12 Taxi, and new definitions for autonomous vehicles)
- 2018/01/30 Sweden - EN (concerns B.II.A-14 Motor-coach, mini-coach, bus or mini-bus; and B.II.A-34 special purpose vehicle)
- 2018/04/03 UNECE - EN (coordination with UN Consolidated Resolution on the Construction of Vehicles (R.E. 3)) - Updated 5 Apr 2018
Reorganisation and cross-cutting

• Energy and Intermodal sections in multiple chapters, led to inconsistency and redundancy. Therefore both have been removed and combined as stand-alone chapters.

• Energy definitions refined based on energy statistics terminology, but not always possible to 100% align the two domains:
  • inland waterways (transport) ≠ domestic navigation (energy)

• Enterprises, economic performance and employment renamed Enterprises, investment and maintenance (and some generic definitions removed as they are not transport specific)
Summary of updates: Rail

• Comments provided by Latvia railways, Swiss railways SBB (through UIC), Russian railways RZD, Sweden, Austria…
• New structure for rail infrastructure section proposed by E.U. institutions. Consideration of how tracks/lines/main lines etc fit together
• Additions of level crossing definitions (used for accident statistics)
Summary of Updates: Road

• Add terms used in the bus and coach statistics pilot questionnaire (many based on existing glossary definitions, e.g. **seat-km offered** from rail chapter)
• Addition of bike infrastructure terms
• Refining of vehicle nomenclature based on updated classification, including definition of autonomous vehicle
• Additional definition added for MAIS injury levels in the road chapter
Summary of Updates: Inland Waterways

• 2013+2016 WP.6 proposals concerning infrastructure and transport equipment
• Many considerations for change came from Eurostat project on IWW passengers and accidents, e.g. *urban IWW transport vessel* definition
• Harmonization with maritime (where possible)
No significant changes (pipelines > pipeline)
Summary of Updates: Maritime

• Addition of ferry service
• New maritime accident section. Significant input from European Maritime Safety Agency
• Definitions added for territorial sea, international waters etc.
• Harmonisation with IWW (where possible)
Summary of Updates: Air

• “Aircraft by design” changed to “aircraft by configuration”
• New definitions for investment expenditure
Summary of Updates: Intermodal

• Amalgamation of all intermodal sections from earlier Glossary
• “Combined freight transport” deleted as only applied in a European context
• “Piggyback transport”, “transport chain”, “intermodal freight terminal”, “loading unit”, “container”, “swap body” added or refined
Next Steps

• Up to **August 24**th: opportunity for comments by member States
• September: final edits (still a significant amount of tidying up required)
• October: formatting, translation, publication process starts
• January 2019: member States to check translation
• March 2019: publication?
• Environmental impact of transport and passenger mobility: to come later as an annex (in time for publication?)

Online interactive Glossary?
Discussion

- [https://statswiki.unece.org/display/TSG/](https://statswiki.unece.org/display/TSG/) contains draft version and description of changes
- Discussion on **process** welcome…
- Comments on definitions should all be made in writing (for clarity)

Thank you