Optimising Standardisation

Paris, 05/11/2018
IRS 90940 Stakeholder Workshop

Standardisation Unit
Institutional standardisation…

In a complex ecosystem, institutional standardisation is interfacing with:

- European regulation
- International treaties and conventions
- Sectorial standardisation
- Private industrial standards
- Collaborative research
- Charts and lables (environmental concerns, governance, ethical issues)
Institutional standardisation…

In a complex ecosystem, institutional standardisation is interfacing with:

UIC is an SSO*:

*any entity whose primary activities are developing, coordinating, promulgating, revising, amending, reissuing, interpreting, or otherwise maintaining standards that address the interests of a wide base of users outside the standards development organization

*Standard setting organisation
Complementarity within the ERA–ESO–UIC trio

“Operator” responsible for the SYSTEM and the SERVICES
- Operation
- Maintenance
- Integration
- High speed
- Freight
- Asset Management
- Safety/Security
- Organisation

“Manufacturer” responsible for the PRODUCTS
- Products
- Sub-System
- Industrialisation

TSI

Not binding

Process-related standards

Product-related standards

LAW

Binding

Not binding

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Cooperation between UIC and CEN/CENELEC/ISO

Organisations producing different types of deliverables must work together, in mutual respect and consistency for the benefit of the whole railway sector.

Process-related standards

“Operator” responsible for the SYSTEM and the SERVICES

Product-related standards

“Manufacturer” responsible for the PRODUCTS

Cooperation Agreement

2015

UIC

Cooperation Agreement

12/2016

UIC

Cooperation Agreement

(revised)

11/2018

UIC

IRS 90940 Stakeholder Workshop 05 11 2018
Coordination between UIC and EUAR

EUAR - UIC Letter of Mutual Understanding
1.1. The purpose of this Agreement is to formalize a cooperative relationship between the Parties in view of ensuring an exchange of information on each other’s progress of activities and coordination on the relevant technical work with the aim of avoiding duplication of work and ensure the best use of available resources in view of improving cost effectiveness and competitiveness of rail transport.

Cooperation Agreement
Between
the European Committee for Standardization
(CEN)
the European Committee for Electrotechnical Standardization
(CENELEC)
And
the International Union of Railways
(UIC)

1.2. The Parties establish this Agreement with the following specific goals:
• to ensure that relevant documents developed by UIC are duly known and made accessible to the corresponding CEN and CENELEC technical bodies;
• to allow either Party to be represented (at TCs, SCs and similar UIC structure levels) for participate to the technical work of the other Party’s relevant technical bodies that are contributing to the relevant to the development of rail transportation.
The added value of UIC Standards

Why UIC Standards in addition to ENs, ISO,…?

- Because of legal responsibility
- To ensure interoperability
- To avoid double work
- To reduce LCC
- Create operator business-related standards
- To add specific details

Because of legal responsibility

To ensure interoperability

To reduce LCC

Create operator business-related standards

To add specific details

To avoid double work
Creation of the Standardisation Unit

Regrouping of some UIC HQ staff to coordinate standardisation

One Stop-Shop

- Guarantee of processes and quality
- Transposition of the residual leaflets into IRS
- Support the development, publication and maintenance of new and existing IRS

UIC G.A. Dec 2017
Generating cross-functional thinking

UIC Departments, units and member-led bodies

Rail System
Passenger
Freight
Fundamental Values
Finance
Legal
Data, Stats & Economics

Standardisation Unit & Platform
SPOCs and their responsibilities

**SPOC**

- Systemically informs the Programme Coordinator about
- Invites PC to Forums & Platforms Plenaries
- Provides A prioritised list of future IRSs
- Provides An up-to-date list of active experts
- Identification of possible interactions with other Forums / Platforms

**SPoC for Environment:** Isabelle de Keyzer – Programme Coordinator – Axel Gougelet
User guidelines to be IRS-fluent

A user guideline document for members is under preparation

What is standardisation?

UIC standardisation processes

The railway standardisation stakeholders

UIC in the standardisation world

A GUIDE TO STANDARDISATION

How IRS are developed and where they fit in the world of standardisation
How is an IRS structured?

- **COMMON PART (WORLDWIDE)**
- **REGION A**
- **REGION B**

Respecting all contexts of applicability...

International Railway Solution
A Leaflet should not be referenced / used anymore in any new document (commercial, regulatory, etc.) once withdrawn and the replacing IRS is published.
## Leaflet/IRS Numbering correlation table
Available on UIC web site “UIC.org

<table>
<thead>
<tr>
<th>LEAFLET REFERENCE NUMBER</th>
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Thank you for your kind attention

Want to know more?
Send us a message to............

standardisation@uic.org

www.uic.org