IRIS achievements and the future Strategy

September 18th, 2018
InnoTrans - Berlin

For a worldwide culture of quality in rail!
IRIS’ technical evolutions & rules

- Stefan Siegler - Vice President Quality, Siemens Mobility GmbH
  IRIS Chairman

- Philippe Citroën - Director General, UNIFE

- Bernard Kaufmann - IRIS General Manager, UNIFE
IRIS Certification™: Where are we today

- UNIFE handover draft document to ISO
- Publication of the ISO/TS 22163 by ISO
- Launch of the IRIS Certification™ rev. 03 system and
  Start of the Transition phase to IRIS rev. 03
- END of the Transition phase to IRIS rev. 03
Implementation of IRIS Certification™ in 52 countries worldwide

1601 IRIS certificates
# Implementation status

## End Transition phase

<table>
<thead>
<tr>
<th>Nr.</th>
<th>Description</th>
<th>Status</th>
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<tbody>
<tr>
<td>1600</td>
<td><strong>TOTAL Nr. of Certificates</strong></td>
<td></td>
</tr>
<tr>
<td>74%</td>
<td>Certified companies acc. IRIS rev.03 for the period JUNE 2017 - 14 SEPTEMBER 2018</td>
<td></td>
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<tr>
<td>94%</td>
<td>Audits performed for the period JUNE 2017 - 14 SEPTEMBER 2018</td>
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</tr>
<tr>
<td>7%</td>
<td>Planned ISO/TS based audits TILL 14 SEPTEMBER</td>
<td></td>
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<tr>
<td>6%</td>
<td>Planned ISO/TS based audits FROM 15 SEPTEMBER 2018 on</td>
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<table>
<thead>
<tr>
<th>JUNE - 14TH SEPTEMBER 2018</th>
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<tbody>
<tr>
<td>Transition (will come back)</td>
<td>88</td>
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<tr>
<td>STOP IRIS:</td>
<td>79</td>
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<tr>
<td>NEW Certification IRIS rev. 03:</td>
<td>146</td>
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IRIS Certification™ system

IRIS Certification™ rev. 03

ISO/TS 22163:2017
Railway applications - Quality management system - Business management system requirements for rail organizations: ISO 9001:2015 and particular requirements for application in the rail sector

IRIS Certification™ rules:2017
Rules for achieving and maintaining IRIS Certification™ recognition

IRIS Certification™ Technology

Audit-Tool
Portal
Database

REFERENCE SYSTEM
IRIS Certification™ Technology
Audit-Tool
Portal
Database

TOOLS

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Operators and industry stakeholders identified the needs to manage and improve product quality by a process-based approach at an international level.

- Common basis for the future development of the IRIS Certification™
- Monitoring of success of IRIS Certification™ and the quality performance in the sector
IRIS Certification™: A promise for product quality

Enablers

Audit procedure
- Suitability of the Management System
- Grade of implementation

Covered topics e.g.
- V Model, PDCA, Risk based thinking/assessment, APQP
- Project mgmt, product safety
- Knowledge mgmt, RAMS/LCC, return of experience

Performance / Results

Audit procedure
- Evaluation of Quality Performance / RESULTS open books policy
- Good RESULTS
- Customer perception

ISO/TS 22163

IRIS Certification™ rules rev. 03

Certificate

IRIS Certificate™:
- Gold
- Silver
- Bronze

IRIS Portal

ISO/TS 22163

IRIS Certification™ rules rev. 03

Certificate

IRIS Portal

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➢ Implement a quality culture in the organisations:
  ❖ Define needed processes with targets and measurements
  ❖ Promote awareness and responsibility

➢ Instil a performance transparency
  ❖ Share results
  ❖ Improve

➢ Focus on customer
  ❖ From inputs to feedbacks
IRIS Certification™: The future

➢ Performance levels required by the customers (Bronze, Silver, Gold)
  ❖ Disclosure of performance levels details in the next months

➢ Certificate shall express the perceived quality

➢ Controlled evolution in the next four (4) years:
  ❖ Sector controlled for the assessment and certification: IRQB
  ❖ Globalised for the standard: ISO

➢ Mindset, transparency, trust, confidence
IRIS Certificate rev. 03 issued for a certification cycle (3 years) based on
- ISO/TS 22163:2017
- IRIS Certification™ rules:2017

AND

Quality Performance statement issued based on result of evaluation on each audit (yearly)
Committed to the IRIS Certification™ scheme

Owner of the IRIS Certification™ rev. 03 system
- IRIS Certification™ rules
- IRIS Technologies: Database and Portal

Contractual partner of the IRIS approved certification bodies
“A” Liaison with ISO and active participation in the ISO/TS 269 WG5
- Involved in the Ad-Hoc WG15 for preparation of the ISO/TS 22163
- Two (2) nominated WG5 members
- Bernard Kaufmann as Convenor of the WG5

IRIS Management Centre (IMC) as part of UNIFE
- IMC as coordinator of IRQB
Summary

➢ Improvement of quality in the rail sector with IRIS Certification™ as the basis

➢ Recognition of IRIS Certification™ as the seal for quality

➢ IRIS Certification™ is unique with a quality performance evaluation

➢ Focus on quality performance and customer satisfaction