IRIS rev. 02 will become ISO/TS 22163 – changes and impacts
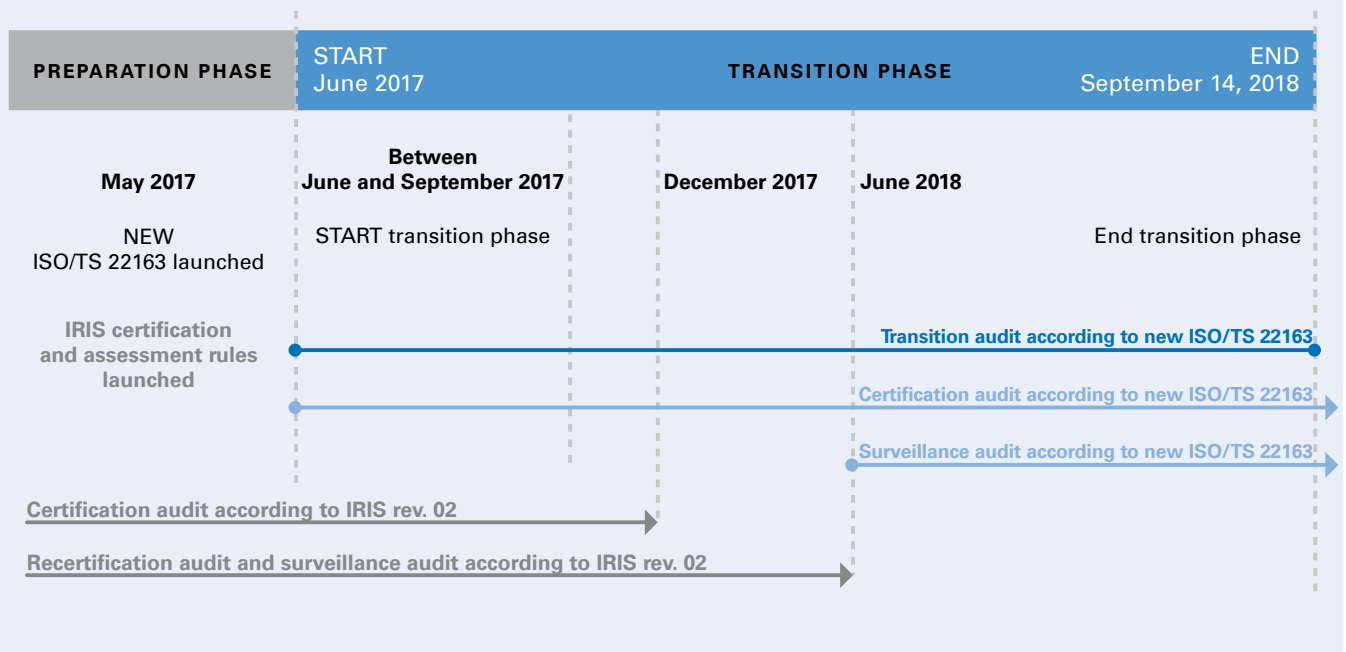
The European Railway Industry Association (UNIFE) is currently working on the International Railway Industry Standard (IRIS), which serves as the basis for the railway industry. The revision will change the former private-sector industry standard into an ISO/TS 22163 standard, allowing it to gain international significance. The revision of the IRIS standard raises important questions. What changes have been made? What must be observed?

RECOMMENDATION FOR CHANGING OVER TO ISO/TS 22163

IThe new timetable for the upcoming revision of the International Railway Industry Standard (IRIS) was announced by UNIFE in September 2016. The revised version is scheduled to be published in May 2017 as ISO/TS 22163.

Organizations should have already transitioned to the new standard by Sept. 14, 2018 as the previous certificate will then cease to be valid. UNIFE therefore recommends you start preparing now and begin the transition process to the new ISO/TS 22163 (IRIS) on the publication of the new version from May 2017.

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Transition to ISO/TS 22163

PREPARATION PHASE	START June 2017	TRANSITION PHASE	END September 14, 2018

May 2017	**Between** **June and September 2017**	**December 2017**	**June 2018**	
NEW ISO/TS 22163 launched	START transition phase			End transition phase

IRIS certification
and assessment rules
launched

Transition audit according to new ISO/TS 22163

Certification audit according to new ISO/TS 22163

Surveillance audit according to new ISO/TS 22163

Certification audit according to IRIS rev. 02

Recertification audit and surveillance audit according to IRIS rev. 02

As at December 2016   Source: UNIFE

REASONS FOR REVISING THE IRIS STANDARDS

Introducing ISO/TS 22163 is necessary to integrate the structure and changed requirements of ISO 9001:2015 into the standard. The background to the revision is that IRIS is based on the ISO 9001 quality management system standard and has been especially adapted to the requirements of the railway industry that extended beyond this.

REASONS FOR REVISING ISO 9001

1. Adapting to a changing world
2. Improving the capability of a company to satisfy its customers
3. Providing a consistent basis for the future
4. Taking into consideration the increasingly more complex environments in which organizations work
5. Ensuring that the new standard reflects the requirements of all concerned
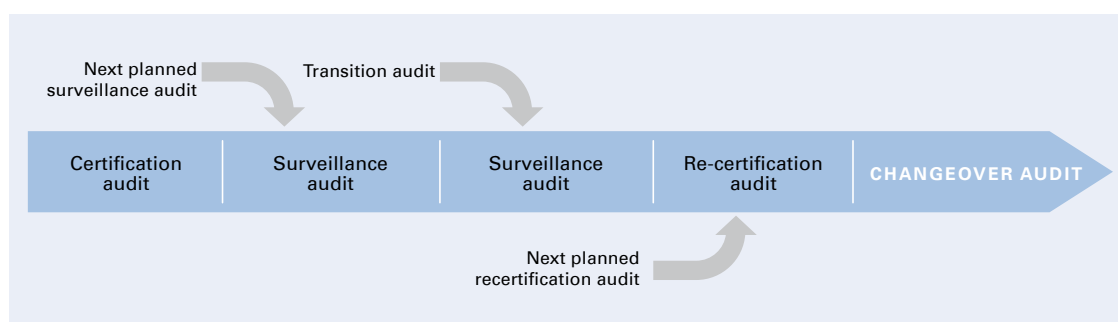6. Improving the integration of other management system standards by using the "high-level structure"

Transition options for changing to ISO/TS 22163

The transition phase begins with the ISO publication of ISO/TS 22163 in May 2017. The transition process can begin from this point of time. The transition process comprises a transition audit (readiness review and certification audit), error and deviation management and granting of certification. After successful implementation of the changeover process, the company will be granted a new IRIS certificate, valid for three years (minus one day) based on the reference date.

There are two options open to you for the transition process:

TRANSITION OPTION 1
The transition process is conducted during the ongoing IRIS Revision 02 auditing cycle. The transition audit can be successfully concluded during the next scheduled surveillance audit or recertification audit, for example. The deadline (referenced date) on the certificate will therefore continue to be valid.

Next planned surveillance audit → Transition audit

| Certification audit | Surveillance audit | Surveillance audit | Re-certification audit | CHANGEOVER AUDIT |

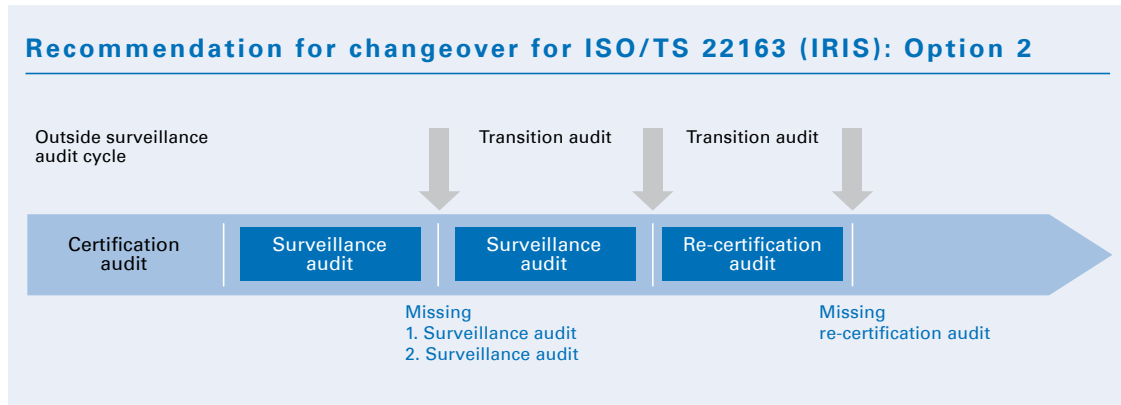Next planned recertification audit

As at: December 2016   Source: UNIFE

TRANSITION OPTION 2

As an alternative to the first option, the transition process can take place at any time, even outside an audit cycle. The current auditing cycle, however, will be interrupted, which can result in a period of time with no IRIS certificate. The deadline of the original certificate is no longer valid and will be set according to the date of the last audit day of the successfully concluded transition audit.

Recommendation for changeover for ISO/TS 22163 (IRIS): Option 2

Outside surveillance audit cycle

Transition audit   Transition audit

Certification audit	Surveillance audit	Surveillance audit	Re-certification audit

Missing
1. Surveillance audit
2. Surveillance audit

Missing
re-certification audit

As at: December 2016   Source: UNIFE

IMPORTANT: ALL AUDITING CYCLES CONDUCTED AFTER SEPTEMBER 14, 2018 WILL NO LONGER BE VALID AS TRANSITION AUDITS BUT MUST BE CONDUCTED AS RECERTIFICATION AUDITS WITHOUT REDUCTIONS.

IMPORTANT ASPECTS OF THE NEW ISO/TS 22163

- Uniform high-level structure for standards
- Incorporates all ISO 9001:2015 requirements
- Also incorporates all former requirements of IRIS Revision 02-01 + Addendum 2015
- Substantiates former requirements with several updated additional requirements from railway operators and railway vehicle manufacturers
- Strengthens the process-orientated approach and stipulates specifically designated process descriptions
- Documented processes that were previously required are replaced by "documented information"
- Incorporates an assessment catalog of around 300 requirements
- Continues to be implemented by "IRIS Audit-Tool"

REASONS FOR REVISING IRIS

- The IRIS railway standard fulfills increased customer demands
- Improved quality management through defined requirements
- Demanding product quality to make ISO/TS 22163 into a "premium certificate"
- Implementation of measurable company influences (e.g. increase in efficiency and decrease in costs)
- Conformation of international recognition and acceptance in the industry
- Increased trust among your customers and trade partners

Quelle: UNIFE IRIS Group; www.iris-rail.org

www.tuv.com/iris

Our auditors stand by your side as an experienced partner to offer support throughout the entire certification processes.
Certification takes place following the steps below:

1. **Implementation of the readiness review**
   In the first step we conduct this review to check capability of certification (fulfilling of basic requirements on the basis of customer-specific documentation).
2. **Certification audit**
   In the second step we check processes and documents on the basis of the catalog of requirements.
3. **Issuing the certificate**
   After the successful completion of the audit, you will receive the IRIS certificate, which is published in the IRIS database. Moreover, your company will be entered into our online certificate database, Certipedia.
4. **Surveillance audit**
   Annual surveillance audits are conducted by auditors during the three-year period of validity.
5. **Recertification**
   By recertifying before the end of three years, you sustainably continue your process of continuous improvement. You demonstrate ongoing quality to your customers.

WHAT DO YOU STILL NEED TO KNOW ABOUT THE AUDIT PROCESS?
In the preliminary stage of the audit suppliers will be assigned to one of 20 areas of validity. The audit is then conducted by means of a questionnaire. The result of the audit is then determined by the degree of fulfillment. The degree of fulfillment serves in subsequent years as a yardstick for continuous improvement of your system in accordance with the IRIS standard.

OUR EXPERTS WILL BE HAPPY TO ASSIST YOU WITH ANY FURTHER QUESTIONS. PLEASE GET IN TOUCH WITH US!

ONLINE CONTACT

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