ISO 39001
- by ISO/PC 241
Title: Road traffic safety (RTS) management systems
– Requirements with guidance for use

Peter Hartzell
ISO/PC 241 Secretary
ETSC/PRAISE, Paris March 7th 2012
Presentation outline:

1) Introduction
2) ISO PC 241 – committee for RTS management systems
3) ISO 39001 – Road traffic safety management systems standard
4) Conclusion
1) Introduction

Peter Hartzell (Sweden):
- Secretary of ISO/PC 241 - committee for Road traffic safety
- Business degree (Sweden and USA)
- 18 years international experience with Management systems
- Project manager (Quality) at SIS, Swedish Standards Institute
- Swedish expert in ISO committee TC 176 (Quality Management - Strategy, ISO 9001 revision and Auditing standards)
- Member of ISO/JTCG harmonization of future management system standards
SIS – Swedish standards institute

- NSB/National Standardization Body: Sweden's member of ISO
- Non-profit, non-governmental, member-based organization
- neutral meeting ground for experts in various fields
- represents Sweden's interests in standards development
ISO – International Organization for Standardization

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www.iso.org

Contact your national standards body
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ISO and its partners

- Develop and promote international standardization
- Contribute to the global business dialogue
- Provide assistance and support to developing countries
- Reduce technical barriers to trade
- Advance public sector-private sector cooperation
- Promote international acceptance of conformity assessment certificates and test results
ISO standards can be a great support to organizations to perform better and to achieve objectives.

Standards make the world go around.
## 2. ISO/PC 241 - members

<table>
<thead>
<tr>
<th>P-members</th>
<th>O-members</th>
<th>Liaisons</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>17</td>
<td>15</td>
</tr>
<tr>
<td>Argentina</td>
<td>Austria</td>
<td>ISO/TC 22, Road Vehicles</td>
</tr>
<tr>
<td>Armenia</td>
<td>Belgium</td>
<td>ISO/TC 204, Intelligent transport systems</td>
</tr>
<tr>
<td>Australia</td>
<td>Bulgaria</td>
<td>ISO/TC 211, Geographic information/Geomatics</td>
</tr>
<tr>
<td>Barbados</td>
<td>Cyprus</td>
<td>Global Road Safety Forum (GRSF)</td>
</tr>
<tr>
<td>Canada</td>
<td>Czech Republic</td>
<td>Global Road Safety Partnership (GRSP)</td>
</tr>
<tr>
<td>China</td>
<td>Denmark</td>
<td>World Health Organization (WHO)</td>
</tr>
<tr>
<td>Colombia</td>
<td>France</td>
<td>World Bank (WB)</td>
</tr>
<tr>
<td>Finland</td>
<td>Iran</td>
<td>The International Transport Forum (ITF/OECD)</td>
</tr>
<tr>
<td>Germany</td>
<td>Israel</td>
<td>International Association of Oil &amp; Gas producers (OGP)</td>
</tr>
<tr>
<td>India</td>
<td>Netherlands</td>
<td>UN Economic Commission for Europe (UNECE)</td>
</tr>
<tr>
<td>Italy</td>
<td>New Zealand</td>
<td>European Transport Safety Council (ETSC)</td>
</tr>
<tr>
<td>Japan</td>
<td>Norway</td>
<td>The International Road Federation (IRF)</td>
</tr>
<tr>
<td>Jordan</td>
<td>Poland</td>
<td>International Forum for Road Transport Technology (IFRTT)</td>
</tr>
<tr>
<td>Korea</td>
<td>Saudi Arabia</td>
<td>FIA Foundation</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Serbia</td>
<td>ISO central secretariat</td>
</tr>
<tr>
<td>Nigeria</td>
<td>Singapore</td>
<td></td>
</tr>
<tr>
<td>Philippines</td>
<td>Thailand</td>
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<td>South Africa</td>
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<tr>
<td>Spain</td>
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<tr>
<td>Sweden</td>
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<td>Switzerland</td>
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<td>United Kingdom</td>
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<tr>
<td>USA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

40 member countries
= 17% global participation
2. ISO/PC 241 - members

40 member countries
= 17% global participation
3) ISO 39001

Title: Road traffic safety (RTS) management systems – Requirements with guidance for use
Good vs. Bad news

Solutions vs. Statistics
Traffic safety background facts

- The global traffic safety situation is a "human catastrophe", with more than **1.3 million fatalities each year** and approx. **20-50 million seriously injured**.

- By 2030, injuries generated within the road transport system will be the 5th most common reason for loss of life (projected by WHO).

- Traffic injuries are the largest cause of mortality in the 10-24 age group (10%) (source: The Lancet).

- There is a lack of systematic work and commitment among organizations that affect the safety of the road transport system.
The road transport system is an open and complex system...

- Infrastructure
- Vehicles
- Road
- Transportation of goods and passengers
- Road users during the execution of their duties
- Corporations and organizations
- Regulatory framework
- Monitoring
- Etc..

...This is where ISO 39001 helps!
ISO 39001
- Road traffic safety management systems standard

• Based on the **new harmonized structure for management system standards**
• **Integrate** with the organization´s management system
• **Unique content** - RTS
• Is a **requirement standard** - for **certification**
• For all **organizations; public and private sector**
ISO: s new framework for future management system standards

A) structure (clause sequence and titles)
B) common terms & definitions
C) identical text

(Subject to ISO/TMB decision and ISO member vote)
- mandatory with possibility/flexibility of some deviation
**Conclusion:** great merger of best practices to enable standards writers and subsequently users to work more effectively and integrated with several parallel disciplines of management system standards, e.g. ISO 9001 (Quality) and ISO 14001 (Environment), OHSAS 18001 (Occupational Health and Safety), and ISO 39001 (Road traffic safety), etc.
## ISO/FDIS 39001 - Contents

<table>
<thead>
<tr>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
</tr>
<tr>
<td>1. Scope</td>
</tr>
<tr>
<td>1.1 Application</td>
</tr>
<tr>
<td>2 Normative references</td>
</tr>
<tr>
<td>3 Terms and definitions</td>
</tr>
<tr>
<td>4 Context of the organization</td>
</tr>
<tr>
<td>4.1 Understanding of the organization and its context</td>
</tr>
<tr>
<td>4.2 Understanding the needs and expectations of interested parties</td>
</tr>
<tr>
<td>4.3 Determining the scope of the management system</td>
</tr>
<tr>
<td>4.4 RTS management system</td>
</tr>
<tr>
<td>5 Leadership</td>
</tr>
<tr>
<td>5.1 General</td>
</tr>
<tr>
<td>5.2 Management commitment</td>
</tr>
<tr>
<td>5.3 Policy</td>
</tr>
<tr>
<td>5.4 Organizational roles, responsibilities and authorities</td>
</tr>
<tr>
<td>6 Planning</td>
</tr>
<tr>
<td>6.1 General</td>
</tr>
<tr>
<td>6.2 Actions to address risks and opportunities</td>
</tr>
</tbody>
</table>
Contents…

6.3 RTS performance factors
6.4 RTS objectives and plans to achieve them
7 Support
7.1 Coordination
7.2 Resources
7.3 Competence
7.4 Awareness
7.5 Communication and Promotion
7.6 Documented information
7.6.1 General
7.6.2 Create and update
7.6.3 Control of documented Information
8 Operation
8.1 Operational planning and control
8.2 Emergency preparedness and response
Contents…

9 Performance Evaluation
9.1 Monitoring, measurement, analysis and evaluation
9.2 Road traffic crash and other incident investigation
9.3 Internal Audit
9.4 Management review
10 Improvement
10.1 Nonconformity and corrective action
10.2 Continual improvement

Annex A (informative) - Guidance on the use of this International Standard
Annex B (informative) - International work relating to road traffic safety management frameworks
Annex C (informative) Correspondence between ISO 39001, ISO 9001 and ISO 14001
Bibliography
Unique parts - terminology:

- **RTS performance factor**
  
  a measurable factor, element and criterion contributing to RTS that the organization can influence and that allows the organization to determine impacts on RTS.

  **Note 1** to entry: It allows an organization, including its contractors and sub-contractors, to determine changes in RTS performance. It is a concrete and measurable element of the organization’s activity that will be used by the organization to track performance over time.

- **RTS target**
  
  detailed performance to be achieved, consistent with the policy and objectives, that an organization applies to itself or together with interested parties.
Unique parts (in clause 6 - Planning):

- 6.3 RTS performance factors
  The organization shall identify for use those RTS performance factors including the following:
  a) risk exposure factors
     (distance travelled, traffic volume and volume of product/service provided by org.)
  b) final safety outcome factors
     deaths and serious injuries
  c) intermediate safety outcome factors
     (e.g. road design, safe speed, safety equipment and fitness of drivers, post crash response, etc.)
6.4 RTS Objectives and planning to achieve them

The organization shall establish RTS objectives at relevant functions and levels.

The RTS objectives shall:
• be consistent with the RTS policy
• be measurable (if practicable)
• take into account applicable requirements
• be monitored
• be communicated, and
• be updated as appropriate.

The organization shall retain documented information on the RTS objectives and the RTS targets.
ISO 39001 (FDIS) RTS - Contents

6.4 RTS Objectives and plans to achieve them, cont.

When planning how to achieve its RTS objectives and RTS targets, the organization shall determine:

- what will be done
- what resources will be required
- who will be responsible
- when it will be completed
- how the results will be evaluated.

The action plans shall be documented and reviewed as necessary.
ISO 39001 (FDIS) RTS - Contents

- **Annex A (informative)** - Guidance on the use of this International Standard
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- **Annex C (informative)** – Correspondence between ISO 39001, ISO 9001 (QMS) and ISO 14001 (EMS)
Working group sessions

"Handling of national comments of current drafts"

"Reaching consensus on key topics"
1st ISO PC/241 meeting in **Stockholm** June 2008

2nd ISO PC/241 meeting in **Kuala Lumpur** Feb 2009
3rd ISO PC/241 meeting in **Ottawa** September 2009

4th ISO PC/241 meeting in **Beijing** March 2010
5th ISO/PC 241 meeting in Berlin Nov 2010

6th ISO/PC 241 meeting in Adelaide May 2011
7th ISO/PC 241 meeting in Johannesburg February 2012
ISO 39001 – What next?

• FDIS ballot July-August 2012
  - publicly available

• Pilot cases (private/public sector)

• Part of Decade of Action for Road Safety (2011-2020)

• Publication in November 2012
4) Conclusion:
Overall structure and unique elements of ISO 39001

- Organizational context related to RTS
- Top management responsibilities and commitment
- Incident investigation
- RTS performance factors

Structure adopted from ISO Management system standards
4) Conclusion

- Why do we need ISO 39001?

Road traffic crashes are killing more people in certain age groups than HIV/AIDS, tuberculosis and malaria. If nothing is done the situation will get worse, we are at a tipping point.

ISO 39001 is flexible and useful to all types of organizations. Organizations and their leadership can show their commitment to the Global Decade of Action for Road Safety (2011-2020) by becoming ISO 39001 certified.

Road traffic crashes are a global epidemic that needs to be addressed. Having a standard such as ISO 39001 in place will help save lives and reduce injuries.
4) Conclusion
There are all reasons to believe that ISO 39001 will...

• Increase safety, reduce environmental impact, save running costs and build the brand image for the organization
• Have an impact on the rest of the traffic system to behave in a safer way
• Improve the uptake of new effective technologies
• Support the automotive industry to develop and introduce safer products and services

ISO 39001 is the key to help organizations to act responsibly and seriously!
Thank you!

For more information about the Road traffic safety project please contact:

PC 241 Secretariat at SIS, Sweden

Secretary Peter Hartzell, peter.hartzell@sis.se

Assistant Anette Eriksson, anette.eriksson@sis.se

Contact your national standards body
www.iso.org/isomembers