ISO 39001

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

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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

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www.iso.org/isomembers

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

23 P-members

17 O-members

15 Liaisons

- Argentina
- Armenia
- Australia
- Barbados
- Canada
- China
- Colombia
- Finland
- Germany
- India
- Italy
- Japan
- Jordan
- Korea
- Malaysia
- Nigeria
- Philippines
- South Africa
- Spain
- Sweden
- Switzerland
- United Kingdom
- USA

- Austria
- Belgium
- Bulgaria
- Cyprus
- Czech Republic
- Denmark
- France
- Iran
- Israel
- Netherlands
- New Zealand
- Norway
- Poland
- Saudi Arabia
- Serbia
- Singapore
- Thailand

- ISO/TC 22, Road Vehicles
- ISO/TC 204, Intelligent transport systems
- ISO/TC 211, Geographic information/Geomatics
- Global Road Safety Forum (GRSF)
- Global Road Safety Partnership (GRSP)
- World Health Organization (WHO)
- World Bank (WB)
- The International Transport Forum (ITF/OECD)
- International Association of Oil & Gas producers (OGP)
- UN Economic Commission for Europe (UNECE)
- European Transport Safety Council (ETSC)
- The International Road Federation (IRF)
- International Forum for Road Transport Technology (IFRTT)
- FIA Foundation
- ISO central secretariat

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.

GLOBAL STATUS REPORT ON ROAD SAFETY
TIME FOR ACTION

World Health Organization

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

Contents…

Contents…

ISO 39001 (FDIS) RTS - Contents

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**

ISO 39001 (FDIS) RTS - Contents

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.)

ISO 39001 (FDIS) RTS - Contents

- **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

- **Annex B (informative) –** International work relating to road traffic safety management frameworks

- **Annex C (informative) –** Correspondence between ISO 39001, ISO 9001 (QMS) and ISO 14001 (EMS)
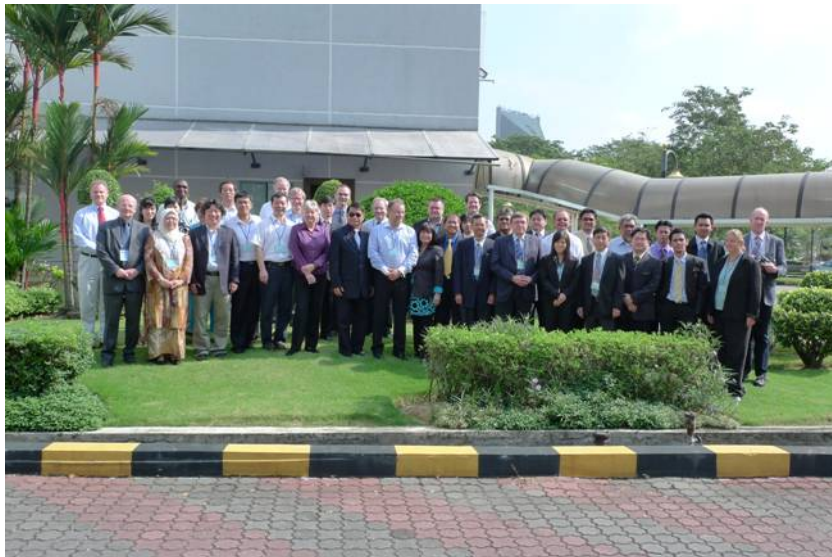
Working group sessions

"Reaching **consensus** on key topics"

"Handling of national **comments** of current drafts"

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
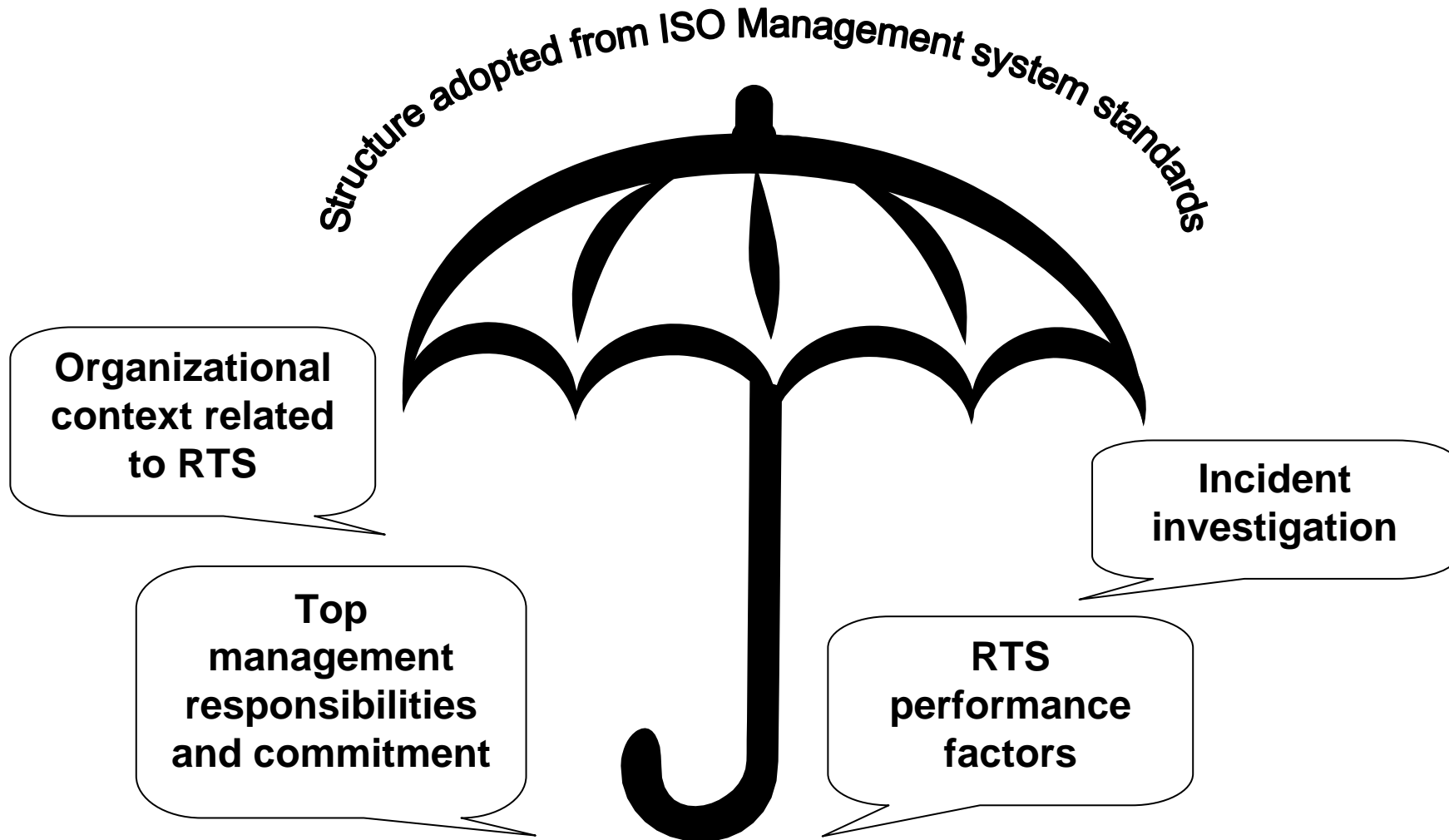
ISO 39001 – What next?

- 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

Structure adopted from ISO Management system standards

Organizational context related to RTS

Incident investigation

Top management responsibilities and commitment

RTS performance factors

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:

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