



ISO/TC 204/WG 7

General fleet management and commercial/freight

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WG7 Report to TC204 Plenary - SanAn Tx Oct-26-27-2017 Final

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WORKING GROUP 7 REPORT TC 204 CHOD/PLENARY MEETING

LOCATION: SAN ANTONIO, TEXAS, USA

DATE: OCTOBER 26-27, 2017

Convener Bill Johnson
WG 7



Outline of the Report

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- ▣ **WG7 Meetings held since last Plenary**
- ▣ **Status of work items where TC Action is anticipated**
- ▣ **Relevant liaison activities**
- ▣ **Resolution Requests**
- ▣ **Issues of interest to the TC**
- ▣ **Next meeting & next Plenary requirements**
- ▣ **Annex – List of Work Items**
 - **To be added**



WG7 Meetings Held Since Last Plenary

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- ▣ **Meeting of Sub-Working Group 7.2**
 - October 21, 2017 Falls Church, Virginia, USA
 - Focused on enhancements to draft ISO CD 26683 Part 3
Title: - Monitoring cargo condition information during transport
 - 4 participants from 2 countries (USA, Korea)

- ▣ **Meeting of Working Group 7 in San Antonio, Texas, USA**
 - Tuesday October 24, 2017 at SWRI, San Antonio
 - 10 participants from 4 countries (Canada, Japan, Korea, USA)



Status of WIs Where TC Action is Anticipated

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Five Work Items

▣ ISO NP 26883 Part 3

- *Title: Monitoring cargo condition information during transport*
- *NP ballot closed (2017-March-30) – Approved*
- *Will send for DIS ballot by end of December 2017*

Status of WIs Where TC Action is Anticipated

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- **ISO NP 15638 Part 21 (TARV)**
 - *Title: Monitor regulated vehicles using roadside sensors & data collected from the vehicle for enforcement and other purposes*
 - *DIS ballot is underway and closes on (2017-November-02)*

- **ISO NP 15638 Part 22 (TARV)**
 - *Title: Freight vehicle stability monitoring*
 - *NP ballot closed (2017-August-23)*
 - *Will send for CD ballot in early 2018*

Status of WIs Where TC Action is Anticipated

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- ▣ **ISO CD 15638 Part 4 (TARV)**
 - Title: *System security requirements*
 - *CD approved for DIS ballot (2016-July-25)*
 - *Will send amended text for DIS ballot by end of 2017*

- ▣ **ISO CD 15638 Part 9 (TARV)**
 - Title: *Remote electronic tachograph monitoring*
 - *DIS ballot closed (2016-June-24)*
 - *Send amended text for FDIS ballot by end of 2017*

Relevant Liaison Activities

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▣ Liaison report from ISO/TC104

Highlights – Container Tracking and Monitoring Systems document (CTMS) now published. TC104 is defining new work that may lead to cooperation with WG7.

▣ Report from OASIS

Highlight – WG7 continues to liaise closely with OASIS to ensure it has the latest UBL version for WG7 work items as UBL evolves to the next version of ISO 19845.



Resolution Requests

WG7 has 4 requests to TC204 Plenary:

- **ISO TS 24533: 2012**
 - *Title: Road transport information exchange methodology*
 - *International TS published (2013-Nov-04); no SR conducted*
 - *Request approval of new TS edition 2 to make minor document amendments (i.e. correct references to external documents)*

- **ISO NP 24533: 2014 – 2 requests**
 - *Title: Road transport information exchange methodology*
 - *NP approved (2014-August-07); 48 month closes (2018-Aug-07)*
 - *Requests 2 resolutions: (1) delete this NP and (2) approve a new NP using same Form 4 and number to restart work toward IS status*

Resolution Requests

- **ISO TS 17187: 2013**
 - *Title: Governance rules to sustain information exchange methods*
 - *International TS published (2013-Nov-14); PR closed (2016-Jun-18)*
 - *Request approval of new TS edition 2 to make minor document amendments (i.e. correct references to external documents)*

Issues of Interest to the TC

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❑ **ITS Corridor Study**

As there exists a continuing interest among TC204 members in the opportunities for standards development related to freight and passenger movements in urban and intercity corridors, Working Groups 7 and 8 jointly propose to organize a workshop on this topic on Sunday at the next TC204 meeting in Seoul, Korea and invite participation by all TC204 members.

❑ **ISO Focus Magazine**

The September 2017 edition on transport issues has an article entitled “Why International Supply Chains will Rule the World” (p.6) that highlights the ISO standards work by TC204 and WG7. We recommend scanning the issue for the many articles of interest .



Next Meeting & Next Plenary Requirements

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▣ **Plans for Next WG7 Meeting**

- *Tuesday April 24, 2018 in conjunction with the Week of ISO/TC204 Spring Meetings 2018*
- *Room for 12-15 with projector, screen and wifi*

Thank You!



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- **SWG7.1**
ISO IS 17687: 2007: Title: Intelligent transport systems – General fleet management and commercial freight operations – Data dictionary and message sets for electronic identification and monitoring of hazardous materials/dangerous goods transportation

- **SWG7.2**
ISO TS 24533: 2012 Title: Intelligent transport systems – Electronic information exchange to facilitate the movement of freight and its intermodal transfer – Road transport information exchange methodology
ISO TS 17187: 2013 Title: Intelligent transport systems – Electronic information exchange to facilitate the movement of freight and its intermodal transfer – Governance rules to sustain electronic information exchange methods

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□ **SWG7.3**

ISO IS 26683-1/2:2013 Title: Intelligent transport systems – Freight land conveyance content identification and communication
– Part 1 Context, architecture and referenced standards; and
– Part 2 Application interface profiles

ISO PWI 26683-3: Title: Intelligent transport systems – Freight land conveyance content identification and communication – Part 3
Monitor cargo condition information during transport

ISO IS 18495-1: Title: Intelligent transport systems – Commercial freight – Automotive visibility in the distribution supply chain – Part 1: Architecture and data definitions

ISO PWI 18495-2: Title: Intelligent transport systems – Commercial freight – Automotive visibility in the distribution supply chain – Part 2: *Proposed: Realization of architecture aspects*

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□ SWG7.4

ISO 15638 Parts 1- 22 Titles and Status:

1: Framework & architecture	IS published
2: Common platform parameters	IS published
3: Operating (certify, enforce, etc.)	IS published
4: System security requirements	<i>DTS approved</i>
5: Generic vehicle information	IS published
6: Regulated applications	IS published
7: Other unregulated apps	IS published
8: Vehicle access monitoring	IS published
9: Remote e-tachometer monitor	<i>DIS approved</i>
10: Emergency message system/e-call	IS published
11: Driver work records	IS published
12: Vehicle mass monitoring	IS published

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13: Mass information for control & enforcement	<i>TS approved</i>
14: Vehicle access control	IS published
15: Vehicle location monitoring	IS published
16: Vehicle speed monitoring	IS published
17: Consignment & locate monitor	IS published
18: ADR Dangerous goods transport	IS published
19: Vehicle parking facilities	IS published
20: Weigh-in-motion	<i>NP approved</i>
21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes	<i>DIS ballot</i>
22: Freight vehicle stability monitoring	<i>NP approved</i>