



ISO/TC 204/WG 7

General fleet management and commercial/freight

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Convenorship: SCC (Canada)

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**ISO/Technical Committee 204 Working Group 7**  
General Fleet Management and Commercial Freight Operations

**MEETING RECORD – San Antonio, Texas, USA**

**Date/Place**

Meeting Tuesday October 24, 2017; 09:30 – 15:30  
SWRI Culabra Rd.,  
San Antonio, Texas, USA

**Online Services**

WG7 agenda, minutes, reports, documents for San Antonio are now posted on **ISO Livelink** at <http://isotc.iso.org/livelink/livelink> (access requires ISO user name and password; to obtain, apply to your National Standards Body or contact your HOD).

**Agenda**

As per item headings in Meeting Notes and in E-mail from Convener dated April 19, 2017 (v.2)

**Participants**

Convener:	Dr. William Johnson (Canada)	<a href="mailto:johnson-william@rogers.com">johnson-william@rogers.com</a>
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	Dick Schnacke (TC104)	<a href="mailto:dick.schnacke@transcore.com">dick.schnacke@transcore.com</a>
Liaisons:	Dick Schnacke (TC104)	

Summary: 10 delegates from 4 countries; 1 liaison representative (TC104).

**Meeting Notes – Working Group 7**

**1. Welcome and Opening Remarks – Bill Johnson, Convener**

Convener called the meeting to order and welcomed the delegates. He remarked on the most interesting River Walk and recommended members to visit it while in San Antonio.

**2. Introductions and Roll Call – All**

The delegates introduced themselves and submitted their business cards.

**3. Review and Adopt Agenda / Confirm Rapporteur – Bill Johnson, Convener**

Convener noted changes to the agenda (see Draft v.2 dated October 18, 2017)

- Delete liaison reports: UN/CEFACT; CEN/TC278; ERTICO; NEAL-NET

- Add reports: New Form 4; TC204 Business Plan; Workshop with WG8; ISO Focus



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#### 4. **Liaison Reports from other Technical Committees/Activities**

TC104 Report – *Dick Schnacke (as recorded by M. Onder)*

- Interested in container tracking but not much activity going on. Almost at end of existing work. Only a couple of work items still active. Tracking and monitoring includes groups of containers. So connected container is not far-fetched. Refrigerated container work has received priority but is nearly complete. Industry does not like using standards because of competitive differences and data is proprietary.

- TC104 plenary meets only once in 3 years and met in March 2017

- Work is winding down; new work must be important enough to start new

- Report on Container Tracking and Monitoring System (CTMS) has been sent for publication. CTMS report is a requirements document.

OASIS Report – *Andy Schoka*

- 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.

#### 5. **Review and Adopt Minutes of Previous Meeting** – *Paris, France, April 25, 2017*

**Motion:** To adopt the minutes of the WG7 Paris meeting as circulate dated July 4, 2017 without further changes; moved by convener; approved by those present.

**Action:** Convener to post the approved WG7 Paris meeting minutes on ISO Livelink.

#### 6. **Report from SWG7.1** – *Convener*

**ISO IS 17687: 2007**

Title: Intelligent transport systems – General fleet management and commercial freight operations – Data dictionary and message set for electronic identification and monitoring of hazardous materials/dangerous goods transportation

Summary of developments at Paris:

- Periodic review (PR:2015) indicates 9 countries agreed to continue, 1 opposed, rest abstain

It passed the vote with 3 countries agreeing to assist in updates (Australia, Canada, Japan)

Six countries stated they reference the standard.

- EU has no new plans for work on standards for hazardous goods transport

- Country contacts: Australia (possibly Chris Kay c.f. Charles Karl); no other names

- Convener consulted with TC204 secretary and ISO/CS for advice on next steps.

Advice: TC204/Secretary and ISO/TC204/CS advise that IS 17687: 2007 can proceed to an update if it does not materially change the intent of the original standard statement. This is the case for ISO 17687: 2007 except that the foundation document in IEEE has been moved to SAE and the resulting changes must be incorporated in the update. Permission of IEEE and SAE is required to make these updates and a knowledgeable editor is also required.

Steps taken: Convener contacted the IEEE Liaison to TC204 (Tom Kurihara) and obtained contact name in USDOT (Steve Sills) to get a copy of the IEEE standard (received). Also asked for help to identify an expert to assist with changes to ISO 17687: 2007 (not yet identified).

Next steps: Mike Onder will help to find an IEEE expert and to engage USA support to update ISO 17687:2007. Bill will send Mike background notes.

**Action:** Convener and Mike Onder.

**Resolutions:** None



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**7. Report from SWG7.2 – Mike Onder**

**ISO TS 24533:2012 – Mike Onder**

Title: Intelligent transport systems – Electronic information exchange to facilitate the movement of freight and its intermodal transfer – Road transport information exchange methodology

Summary of Session at San Antonio

- Period Review for TS version is due 2017-08-07 (3 years); Need to renew the TS version but with minor changes to the references to associated documents (the OASIS UBL version has changed and ISO has published an International Standard version (ISO/IEC 19845:2015)); Recommended action as confirmed by ISO/CS is to request NP ballot to make minor amendments.

- Periodic Review for NP version that was intended to continue work toward IS status will be due in August 2018; There is insufficient time to complete the required drafting and balloting steps; Recommendation is to let it expire without further action

- ISO Focus magazine September 2017 edition has an article based on an interview with Mike Onder on the role of ISO TS 24533 to improve information exchanges in trade; The article demonstrates the valuable contribution TC204 and WG7 is making to world trade efficiency and effectiveness.

Next Steps: Request TC204 plenary to send TS 24533 to NP ballot to amend.

**Action:** Mike Onder to prepare NP documents; Convener to submit for NP ballot

**Resolution:** Request resolution to send amended TS to NP ballot

**ISO TS 17187:2013 – Andy Schoka**

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

Summary of developments:

- TS 17187 on Freight Governance has been established as a Technical Specification and now complements ISO TS 24533 on freight information processes.

- Implementations of ISO TS 24533 on Freight Processes and IS TS 17187 on Freight Governance require Universal Business Language (UBL) v2.1 for service implementations.

- The Universal Business Language (Version 2.1), developed by the OASIS open standards consortium, is now approved as an ISO and IEC International Standard 'ISO/IEC 19845:2015'.

- TS 17187 came due for PR (periodic review) 2013-01-30; needs minor amendments to UBL references.

- Recommendation as confirmed by ISO/CS is to request NP ballot to make minor UBL amendments to maintain consistency with ISO TS 24533 as amended.

Next Steps: Request TC204 plenary to send TS 17187 to NP ballot to amend.

**Action:** Andy Schoka to prepare NP documents; Convener to submit for NP ballot

**Resolution:** Request resolution to send amended TS to NP ballot

**8. Report from SWG 7.3 – Junichi Hirose takes over as contact person from Dr. Ishii**

**ISO DIS 26683 – Parts 1-2**

Title: Intelligent transport systems – Freight land conveyance content identification and communication (FLC-CIC) –

Part 1 Context, architecture and referenced standards

Part 2 Application interface profiles

Status: IS's were Published January 2013; SR due 2018



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**Action:** None until 2018

**Resolutions:** None

**ISO PWI 26683 – Part 3 – Kerri Ahn**

**Title:** Intelligent transport systems – Freight land conveyance content identification and communication (FLC-CIC) –

Part 3 Monitoring cargo condition information during transport

**Summary of developments:**

- SWG 7.2.4 members met in Washington DC on October 21, 2017 to discuss the draft CD for Part 3 before the WG7 meeting in San Antonio; contact made with ISO/JTC

- Regarding 26683 Part 3 (Monitoring cargo condition information during transport), the NP ballot was initiated and then closed on March 22, 2017 and passed successfully.

- Next steps are to complete the NP comment resolution form and submit to TC204 secretariat; and to complete the draft CD and then circulate it to WG7 members for 4-week review; and then send it to DIS ballot.

**Action:** Kerri Ahn to send CR form to TC204 secretary and complete draft CD for ISO 26683 Part 3.

**Action:** Convener to circulate CD to WG7 members for 4-week quick review; then send to DIS ballot.

**Resolutions:** None

**ISO PWI 26683 – Part 4 – Dr. Shinichi Ishii**

**Title:** Intelligent transport systems – Freight land conveyance content identification and communication (FLC-CIC) –

Part 4 Security profile

**Summary of developments:**

- ISO/TC104/SC4/WG2 input on security from the Container Tracking Device/Container Tracking and Monitoring Systems (CTD/CTM) is not available (see liaison report).

**Next steps:** Consider deleting this work item.

**Action:** None

**Resolutions:** None

**ISO DIS 18495 – Part 1 – Junichi Hirose takes over as contact person from Dr. Ishii**

**Title:** Intelligent transport systems – Commercial freight – Automotive visibility in the supply chain – Part 1: Architecture and data definitions

**Summary of developments:**

- DIS 18495-1 ballot closed on October 17, 2015; successful; comments resolved; sent to publication

**Action:** None; IS published

**Resolutions:** None

**ISO PWI 18495 – Part 2**

**Title:** Intelligent transport systems – Commercial freight – Automotive visibility in the supply chain – Part 2: Realization of architecture aspects



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*Status: - Part 2 is in temporary holding status; resources must be found to enable further development;*

*Next Steps: Mike Onder will review and comment on next steps*

**Action:** Mike Onder to review and comment on next steps

**Resolutions:** None

**9. Report from SWG7.4 – Philip Lloyd (Australia - Bob Williams editor has retired)**

**ISO 15638 – Parts 1 to 22**

**Title:** Intelligent transport systems — Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) – Parts 1 to 21

Summary of developments (October 2017):

<u>Part</u>	<u>Title</u>	<u>Status</u>	<u>PR</u>
1:	Framework & architecture	IS published: 2012	2017
2:	Common platform parameters	IS published: 2013	2018
3:	Operating (certify, enforce, etc.)	IS published: 2013	2018
4:	System security requirements	DTS approved: 2016-03-24	
5:	Generic vehicle information	IS published: 2013	2018
6:	Regulated applications	IS published: 2014	2019
7:	Other unregulated apps	IS published: 2013	2019
8:	Vehicle access monitoring	IS published: 2014	2019
9:	Remote e-tachometer monitor	DIS approved; 2016-06-23; FDIS next	
10:	Emergency message system/e-call	IS published: 2017	2022
11:	Driver work records	IS published: 2014	2019
12:	Vehicle mass monitoring	IS published: 2014	2019
13:	Mass info for control & enforcement	TS (Ed.1) published: 2015	2020
14:	Vehicle access control	IS published: 2014	2019
15:	Vehicle location monitoring	IS published: 2014	2019
16:	Vehicle speed monitoring	IS published: 2014	2019
17:	Consignment & locate monitor	IS published: 2014	2019
18:	ADR Dangerous goods transport	IS published: 2017	2022
19:	Vehicle parking facilities	TS published: 2016	2019
20:	Weigh-in-motion	NP approved; 2016-01-06; CD ballot next	
21:	Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes	CD approved; DIS ballot closes 2017-11-02 (approved)	
22:	Freight vehicle stability monitoring	NP pass 2017-08-09; CR completed, CD ballot next	

*Next Steps: Complete ballots: Convener for parts 4, 9; R.Hanson for part 20; J.Hirose parts 21, 22*

**Actions:** Convener to advance Parts 4, 9; R. Hanson part 20; J. Hirose parts 21 and 22.

**Resolutions:** None

**10. Comment Resolution Session**

See above section 9, ISO NP 15638 Part 22



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**11. ITS Corridor Study Group – Dr. Vladimir Kryuchkov (absent)**

Delegates agreed that there were still opportunities for standardization in corridors for freight and passenger movements and proposed a joint workshop with WG8 to explore this domain. WG8 concurs and it was agreed to propose this to the TC204 plenary for the next meeting in Seoul, Korea. This would replace the efforts to date led by Dr. Kryuchkov and the ITS Corridor Study Group.

**Action:** WG7 to propose workshop at TC204 plenary; convener to work with WG8.

**Resolutions:** None

**12. Approve Resolutions/Recommendations and WG7 Report to TC204 Plenary**

WG7 requests two TC204 resolutions:

1. Request TC204 plenary to send TS 24533 to NP ballot to amend.
2. Request resolution to send amended TS to NP ballot

**13. Next Meeting Date – meet in conjunction with Next TC204 meeting**

It was agreed to meet next on Tuesday April 24, 2018 in Seoul, Korea.

**14. Other Business**

**TC204 Business Plan:** TC204 Chair is leading the redraft of the TC204 business plan with substantial input from Japan's Annual ITS Standards Report. Second draft is under way with latest year input. He has asked conveners to review and comment on the sections related to their WG. WG7 convener will review and then circulate to all WG7 members for review.

**Action:** Convener

**New ISO Form 4:** Convener briefly described the two new sections of Form 4. One requires naming of a "maintenance agent" after the standard is completed. The other requires a development plan for the standard to completion.

**ISO Focus:** ISO Focus magazine September 2017 edition has an article based on an interview with Mike Onder on the role of ISO TS 24533 to improve information exchanges in trade; The article demonstrates the valuable contribution TC204 and WG7 is making to world trade efficiency and effectiveness.

**15. Closing Remarks**

Convener Dr. Johnson thanked the delegates for their participation in the meeting.

**16. Meeting Adjournment - Meeting adjourned at about 15:30 p.m.**





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### **Documents**

Located online at ISO Livelink e-Committees TC204/WG7 with these titles:

**Agenda – Agenda WG7 San Antonio, Texas, USA October 24, 2017 v.2 2017-10-18**

**Minutes – Approved Minutes TC204 WG7 Paris April 25, 2017**

**Minutes – (draft) Minutes TC204 WG7 San Antonio October 24, 2017**

**Plenary Report – WG7 TC204 Conveners Report San Antonio October 26, 2017**

**Summary – Action Items – San Antonio – October 2017**

**SWG 7.2 – Notes from Joint US-Korea Meeting October 21, 2017 (26683)**

**SWG 7.3 – ISO WD 26683-3\_Kerri Ahn\_Form06**