



Draft June 15, 2016

ISO/Technical Committee 204 Working Group 7
General Fleet Management and Commercial Freight Operations
MEETING RECORD – Concord, California, USA

Date/Place

Meeting Tuesday April 26, 2016; 09:00 – 12:30
Hilton Concord
1870 Diamond Blvd
Concord, California 94529-5718 USA

Online Services

Webex was setup in advance for this meeting but service could not be established
Documents are located online at box.com: <https://www.box.com/shared/isg0tu8yyv>

Agenda

As per item headings in Meeting Notes and in E-mail sent by Convener on April 17, 2016

Participants

Convener:	Dr. William Johnson (Canada)	johnson-william@rogers.com
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	Bob Williams (UK)	bw_csi@fastmail.fm
	Mike Onder (USA)	mike.onder@gmail.com
	Andy Schoka (USA)	
Liaison	Dick Schnacke (TC104)	dick.schnacke@transcore.com

Summary: 18 delegates from 10 countries.

Meeting Notes – Working Group 7

1. Welcome and Opening Remarks – Bill Johnson, Convener

Convener called the meeting to order, welcomed the delegates and asked them to leave their business card with the convener.



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2. Introductions and Roll Call – All

The delegates introduced themselves and handed in their business cards.

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

convener explained the changes to the agenda to avoid conflict with the Ad hoc Mobility meeting in the afternoon. (minutes are presented in the original order)

4. Review and Adopt Record of Previous Meeting – Potsdam, Germany October 23, 2015

There being no further revisions to the minutes of the WG7 Potsdam minutes, they were approved for distribution.

Action: Convener to post the WG7 Potsdam meeting minutes.

5. Report from SWG7.1 – Dr. Jonathan Harrod Booth/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:

- Periodic review result (2015) indicates 9 countries agree to continue, 1 opposed and rest abstain so it passed the vote but only three countries offered to assist in updates (Australia, Canada, Japan).

Action: Consider project to update IS 17687:2007 as IS or TR

Resolutions: none

6. Report from SWG7.2 – Mike Onder

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

See also website – http://www.iso.org/iso/catalogue_detail.htm?csnumber=46422

Summary of Session at Concord

- Mike Onder reported that collaboration with Asian partners was continuing. The goal is still to advance to a global standard with help of partners.

Next step: Continue collaboration (UN/CEFACT/North America/NEAL-NET) and start work on new part for monitoring cargo condition (e.g. agricultural products) in transport (see below).

Action: Mike Onder to continue collaboration among UN/CEFACT and LOGINK/NEAL-NET partners to progress TS 24533:2012 to IS status to achieve global framework.

ISO TS 17187:2013

(see Appendix for UBL 2.1 Status Report – Oct-2015 v1)

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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Summary of developments:

- TS 17187 on Freight Governance has been established as a Technical Specification and now complements ISO TS/24533 on Freight 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 (UBL), developed by the OASIS open standards consortium, has now been approved for release as an ISO and IEC International Standard. Version 2.1 of UBL was balloted through the Joint Technical Committee on Information Technology (JTC1) of the International Standards Organization (ISO) and the International Electrotechnical Commission (IEC) and given the designation 'ISO/IEC 19845:2015'
- Andy Schoka thanked everyone for their Country support to approve IS 19845 and invited members to support further development of ISO 19845 as it evolves (See appended document from Andy Schoka for description of the announced procedure).

Next Steps: WG7 to consider application of ISO 17187 to Part 2 of ISO 24533 and new initiatives such as the cargo condition (agricultural) monitoring in transport proposed by Korea (incorporated into 26683 as a new Part 3).

Action: WG7 members to consider sources of resources to draft CD 24533 Part 2 that will incorporate the interests of China to participate in a global standard on international freight.

Resolutions/Request: None required.

New Work Item Proposal – Kerri Ahn (Korea)

Title: A Common Framework to sustain electronic information exchange methods for the transport of agricultural goods (see Appendix NWIP Korea Kerri Ahn 2015 Oct)

Summary

- Ms Ahn presented a re-drafted Form 4 for the proposed new work item that resulted from the study group set up at Potsdam. It is posted online in the box.com folder. Her proposal extends the data base of TS 24533 to include agricultural commodities.
 - This is a specialized form of transport that involves product-related descriptors and business-related elements for efficient tracking of quality, variability of product, origin, state (raw or finished).
 - There had been discussion about where the proposal fit in the scheme of WG7 – for example, as part of TS 24533 or as part of ISO 19845 (UBL) or UNCEFACT or, as discussed later, as part of ISO 26683.
- Note - Developments related to this WI at the TC204 Plenary – April 28
- After doubt was cast on the title of this proposal to monitor agricultural products at the TC204 plenary, and it appeared that the proposed PWI status would not be approved, the fall-back position was adopted to merge the proposed PWI into the still existing (but dormant) ISO PWI 26683 Part 3 as the two WI's covered very similar work areas. TC204 secretariat was then requested to simply change the name of ISO PWI 26683 Part 3 to "Monitor cargo condition information in transport" from "Handling of cargo stress information during road transport". This achieved the objective of establishing the work at the PWI level so that work could continue on this work item. The new name is broader than the intended purpose to monitor agricultural products and this will have to be taken into account in further work.
 - Dr. Ishii agreed to this change in a subsequent e-mail communication with the convener as he lacks resources to develop the part 3.



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Action: WG7 to request TC204 to approve the new work item as a PWI as Part 2 of TS 24533. (Note – this was later changed at the TC204 plenary be merged in with the existing (but dormant) Part 3 of ISO 26683 and renamed as “Monitor cargo condition information in transport”).

Resolutions/Requests: To approve a PWI for the new preliminary work item for monitoring agricultural products in transport (Note – changed to request to TC204 secretariat to simply rename work item ISO 26683 Part 3 to “Monitor cargo condition information in transport”).

7. Report from SWG 7.3 – Dr. Shinichi Ishii (absent with leave)

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: ISs were Published January 2013

Action: None required

Resolutions: None required

ISO PWI 26683 – Parts 3-4

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

Part 3 Monitoring cargo stress measurement information during road transport

Part 4 Security profile

Summary of developments:

- Regarding 26683 Part 3 (Monitoring cargo stress measurement information during road transport) and Part 4 (Security profile), the discussions by the ISO/TC104/SC4/WG2 on Container Tracking Device/Container Tracking and Monitoring Systems (CTD/CTM) has continued without resolution. TC104 is investigating new proposals for CTD/CTMS.

Status: See 6. SWG 7.2 Report – New Work Item Proposal for status -

Action: Kerrie Ahn to further develop Form 4 based on inputs received from UNCEFACT and present to WG7 in Auckland. Korea proceeding to develop agricultural cargo condition monitoring *as ISO PWI 26683-3*.

Goal is to get TC204 plenary approval to move to NP ballot at Auckland.

Resolutions: Initial request to TC204 to approve PWI status as part of ISO TS 24533 ended as a request to the TC204 secretariat to change name of ISO TS 26683 Part 3.



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ISO DIS 18495 – Part 1 – Dr. Ishii (absent with leave)

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
- Ballot result: passed successfully and after comment resolution of editorial comments, document went to publication without FDIS ballot.

Next step: Complete publication stage.

Action: None

Resolutions: None required

ISO PWI 18495 – Part 2

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

Status: - Part 2 is in a temporary holding status; resources must be found to develop

Action: WG7 members to consider resource needs to draft CD 18495 Part 2

Resolutions: None required.

8. Report from SWG7.4 – Bob Williams for Peter Girgis (absent with leave)

ISO 15638 – Parts 1 to 21

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

Summary of developments:

Thirteen parts of 15638 are now published as International Standards including:

<u>Part</u>	<u>Title</u>	<u>Status</u>
1:	Framework & architecture	IS published
2:	Common platform parameters	IS published
3:	Operating (certify, enforce, etc.)	IS published
5:	Generic vehicle information	IS published
6:	Regulated applications	IS published
7:	Other unregulated apps	IS published
8:	Vehicle access monitoring	IS published
11:	Driver work records	IS published
12:	Vehicle mass monitoring	IS published



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14: Vehicle access control	IS published
15: Vehicle location monitoring	IS published
16: Vehicle speed monitoring	IS published
17: Consignment & locate monitor	IS published

Summary of ballot status of work items in ballot stages:

Part 4 Security (DTS ballot)

- Closed on 2016-03-24 and APPROVED; awaiting comments/comment resolution;

Action: Secretariat to progress to publication after comment resolution.

Part 10 Emergency message / e-call (DIS ballot)

- Closed on 2016-03-17 and APPROVED; comment resolution completed on 2016-04-26; WG7 comment review closing May 14

Action: Secretariat to progress to publication after comment resolution review.

Part 18 ADR Dangerous goods (DIS ballot)

- Closed on 2016-03-25 and APPROVED; comment resolution completed 2016-04-26;

Action: Secretariat to progress to publication.

Part 9 Remote tachometer monitor (DIS ballot)

- DIS ballot in progress open to 2016-06023; the Comment Resolution and then potentially action by secretariat

Action: Secretariat to progress to publication after ballot closes and comment resolution.

Part 20 Weigh in Motion (NP)

- NP ballot closed on 2015-09-18 and APPROVED;

Action: WG7 to develop draft for CD ballot.

Part 13 Mass information for control and enforcement

- Revised draft failed as CD ballot but passed as TS ballot;

Action: Moved to TS publication and hold at this stage for now.

Part 19 Vehicle parking control

- Initial interest shown by European project for secure parking but no longer a priority nor funds

- No WG7 progress since Vancouver; Work to continue in CEN/TC278/WG2 toward IS

Action: CEN/TC278/WG2 to move Part 19 toward DIS ballot when further inputs received

Part 21 Enhancements using roadside sensors (ERS)

- NP ballot closed 2016-02-19 and APPROVED; Comment Resolution resolved at Concord

- Name change requested for the NP; request to TC204 secretariat

Action: Request name change by TC204 secretariat at TC204 plenary..

Resolutions: Change name of ISO 15638 Part 21 to: “Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes”.



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9. Comment Resolution Session (See Sections 7 and 8.)

10. Liaison Reports from other Technical Committees/Activities

TC104 Report – *Dick Schnacke*

- TC104 working on family of solutions for Container Tracking and Monitoring System (CTMS)
- Not a lot going on because the hard economic times are slowing things down
- Focus is on who has greatest needs, slimmed down plans, fewer things quicker, move away from standards, new focus on “chain of custody”

UN/CEFACT Report – *Dominique Vankemmel*

- Agreed to work with WG7 on Korean standard for agricultural product in transport
- Reported on the recent UNCEFACT meeting in March with PROTECT and IPSC
MMT Multimodal Transport model was presented.

ISO/OASIS – *Andy Schoka (report sent by e-mail is posted on box.com)*

- 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.
- OASIS UBL version 2.1 was adopted by ISO/IEC as DIS 19845 passed FDIS ballot successfully in February 2016.

Intelligent Mobility and Urban ITS – *Junichi Hirose (attended planning meeting in Washington)*

This is a new initiative of the European Commission to focus ITS attention on standards development for urban transport problems including urban logistics. It will guide the use of resources. The final report is due shortly.

11. Request from Chair TC204 for Proposed Work Items for Automated Driving Systems

- No progress at Concord
- A summary of Potsdam discussion appears in the WG7 report to the Automation Workshop. (see Appendix WG7 Report to Driving Automation Workshop October 15, 2015)

Action: No decisions. Technical report on automated truck trains on hold.

Resolutions/Recommendations: None.

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

There is one WG7 resolution to propose at the TC204 Plenary:

WG7 requests a TC204 resolution:

To approve a PWI for the new preliminary work item for monitoring agricultural products in transport (Note – changed to request to rename work item ISO 26683 Part 3 to Monitor cargo condition information in transport).



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

Dr. Kryuchkov sent to the TC204 chair with copy to the WG7 convener an e-mail letter and a outline for a “Smart Silk Road” conference that he is organizing in Orenburg, Russian Federation, 1-2 September 2016. It was decided to seek guidance from the TC204 plenary on how to respond to this message. (Documents attached)

Action: Consider Dr. Kryuchkov documents and assess their utility for TC204.

14. Next Meeting Date – meet in conjunction with Next TC204 meeting

It was agreed to meet next on Tuesday October 4, 2016 in Auckland, New Zealand.

15. Closing Remarks

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

16. Meeting Adjourned at 12:30 p.m.

Documents

Located in separate documents online at box.com with these titles:

Agenda: Agenda WG7 Concord April 26-2016 v2

Minutes: Approved Minutes TC204 WG7 Potsdam October 13 2015

Minutes: Draft Minutes TC204 WG7 Concord April 26-2016

Plenary: WG7 TC204 Conveners Report Concord April 28-2016

Status Report: ITS Corridor Study Group April 2016 including:

- *Smart Silk Road - E-mail received from Dr. Vladimir Kryuchkov April 21, 2016*
- *Seminar concept smart silk route Russia version 5 lyw*
- *Smart silk road seminar programme apr 21*

SWG 7.2 – UBL 2.1 Status Report – April -2016

SWG 7.2 – Form_04_New_Work_Item_Proposal-Korea DRAFT Final (2)

Liaison Report: UBL-Governance-v1-0-cn01

Liaison Report: JH-1701 Presentation-CEN (Ad hoc Mobility) – Junichi Hirose

Liaison Report: CEFAC_TTransport_26April16_ISOTC204_Concord_DV