



European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung



TC 278 Road Transport and Traffic Telematics

N1907

Title : Minutes of a meeting of ISO/TC 204/WG 1 (CEN/TC 278/WG 13), Tokyo, 13-15 March 2007

Source : R. Williams, convenor, WG 13

Date : 2007-03-18

Status : For information

Note :

n1907 Minutes from WG 13, Tokyo, March 2007.doc

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ISO TC204/ WG1 Architecture, Taxonomy & Terminology

Convenor: **R.K.Williams**. International Messaging Centre: Tel/Fax/Voicemail: 44 1422 883 882
CSI, 1 Brearley Hall, Halifax HX2 6HS, England UK : E-Mail: bw.csi@2-csi.com

Minutes : Tokyo Meeting 13-15 March 2007

Tuesday 13th March 2007

1. Welcome, Introductions, etc

Attendees: **R.Williams, M.Izume (part), H.Ozaki, H.Horii**

By Teleconference : **A.Schoka**

Apologies: **C.Skinner, A.Schoka, T.Kurihara**

2. Review of Draft Minutes from Melbourne Meeting .

3. Matters and Action items Arising:

ALL

ACTION Me 29: User guide for harmonisation of data concepts and data elements **ALL** to comment on draft by end November: **DONE** but no comments received

ACTION Me 40: Business justification for ITS Architecture **ALL** to review and comment to document by end November **DONE** but no comments received

ACTION Me 44 : Training requirements for ITS System Architecture : **ALL** to provide data about relevant ITS Architecture Training to CS (By mid October) **DONE** but no comments received

Richard Bossom

ACTION SA 028 : Using POM. **RB** to develop, with participating countries, a first draft, for discussion at first meeting in 2007: **OUTSTANDING**

Harou Hori

ACTION SA 019 : Using Web Services (machine-machine delivery) for ITS service delivery **BW/HH** to prepare a Technical Report under the same work item "Reasons to use Web Services in ITS services" : **OUTSTANDING**

HH/CS ACTION Me 18: Using Web Services (machine-machine delivery) for ITS service delivery **HH CS** to revise document during meeting. **DONE**

BW/HH ACTION Me52 : **BW/HH** to prepare presentations for Capetown Workshop. **DONE**.

Workshop successfully given to over 30 delegates in Capetown and subsequently in Tokyo 12th January 2007. PDFs of the presentation have been made available (In English) and widely circulated around TC204 community. Presentations translated into Japanese are now also available on request. **HH & BW** thanked for their efforts and Japan, and particularly **JARI** thanked for their support.

Tom Kurihara

ACTION Me 24: Using UML in ITS Standards **BW** to request **US (TomK / Bob Rausch)** to provide permission to reproduce parts and JPEGs of IUUM diagrams **ACTION Ty1:** **BW** to chase up



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Harou Ozaki

ACTION Me53 : HO to make arrangements for Tokyo meeting: DONE

Andy Schoka

BW/AS :ACTION Me 19: Using Web Services (machine-machine delivery) for ITS service delivery
BW/ AS to check for consistency with ISO format foibles. DONE. Submitted. ISO CS have required further amendments/drafts of figures which have been supplied by HH.

AS: ACTION Me 34: ITS Use Case pro forma Template TIH/AS to respond to CS urgently (by 14 Sept please if you can) : Overtaken by events. Deleted.

BW/AS: ACTION Me50 :UN CEFACT and TC154. Convenor to discuss with AS and as for his suggestions. DONE. AS believes this to be significantly important. The problem is to get the resources to do this. Tom Kurihara has recently stated to the Convenor that he is working at this and resources for possible revisions to 14817, but so far there is no result.

Chris Skinner

CS: ACTION Me2: 14813-2 : CS to move and add comments: : Overtaken by events. Deleted.

CS/JS:ACTION Me3: 14813-2 : JS/CS to discuss and agree removing package diagrams:
Overtaken by events. Deleted.

CS: ACTION Me4: 14813-2 : CS to Add a single top-level use case description in ISO 25102
Template form. : Overtaken by events. Deleted.

CS: ACTION Me5: 14813-2 : CS to provide use cases for each of the services to make it service oriented: Overtaken by events. Deleted.

CS: ACTION Me6: 14813-2 : CS to revise document to incorporate comments above: Overtaken by events. Deleted.

CS ACTION Me 16: 14817 CS to continue to lead development of summarisation of issues to be addressed in any revision: Overtaken by events. Deleted.

HH/CS ACTION Me 18: Using Web Services (machine-machine delivery) for ITS service delivery
HH CS to revise document during meeting : DONE

CS: ACTION Me 21: Using Web Services (machine-machine delivery) for ITS service delivery
Reasons to use Web Services in ITS services- CS will use Web Services as his example : DONE

CS: ACTION Me 23: 25429 Using UML in ITS Standards CS to update draft and recirculate for comment: : Overtaken by events. Deleted.

BW/CS : ACTION Me 26: 25100 User guide for harmonisation of data concepts and data elements
BW /CS to prepare NP document. : Overtaken by events. Deleted.

CS: ACTION Me 28: 25100 User guide for harmonisation of data concepts and data elements CS to prepare an extensively extended draft, to circulate by End October. : Overtaken by events. Deleted.

CS: ACTION Me 30: 25100 User guide for harmonisation of data concepts and data elements CS to prepare and circulate revised draft before March Meeting: Overtaken by events. Deleted.

CS/BW ACTION Me 31: 25102 ITS Use Case pro forma Template BW /CS to prepare NP document. : Overtaken by events. Deleted.

CS: ACTION Me 33: 25102 ITS Use Case pro forma Template CS to remind TIH/AS that they had promised additional contribution: Overtaken by events. Deleted.

CS: ACTION Me 35: 25102 ITS Use Case pro forma Template CS to provide revised draft by Mid October: Overtaken by events. Deleted.



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CS: ACTION Me 37: 25103 Business justification for ITS Architecture CS to provide presentation to Convenor: Overtaken by events. Deleted.

CS: ACTION Me 39: 25103 Business justification for ITS Architecture CS to produce new draft by mid October 2006 : Overtaken by events. Deleted.

CS: ACTION Me 41: 25103 Business justification for ITS Architecture Revised TR to be presented to March meeting with a view to TR approval at TC204 Spring plenary: Overtaken by events. Deleted.

CS: ACTION Me 42 : 25104 Training requirements for ITS System Architecture : CS to provide presentation to Convenor (ISW1-803) : Overtaken by events. Deleted.

CS: ACTION Me 45 : 25104 Training requirements for ITS System Architecture : CS to contact PJ for input: Overtaken by events. Deleted.

CS: ACTION Me 46 : 25104 Training requirements for ITS System Architecture : CS to provide new draft by mid November: Overtaken by events. Deleted.

John Smith

CS/JS:ACTION Me3: 14813-2 : JS/CS to discuss and agree removing package diagrams: Overtaken by events. Deleted.

JS:ACTION Me 15: 14817 Provisional Data Registry TC204 DR to be implemented using ANZIDAR by JS

JS: ACTION Me48 : Procedures and format for ITS Glossaries JS to review from the viewpoint of a registrar: Overtaken by events. Deleted.

Convenor/Bob Williams

BW: ACTION Me 001: 14813-1 : BW to check status of FDIS ballot. DONE Approved with comments: FDIS Passed : Published

BW: ACTION Me 7 : 14813-4 (Reference Tutorial) Free publication. BW to remind ISO CS. DONE but no movement from ISO CS.

BW: ACTION Me8 : 14813-5 Requirements for Architecture Description in TICS StandardsADD references to 14813-2,14813-3,14813-4 DONE : Add SDL Reference .DONE Annex A to be pointer to 24529 and Using POM: DONE

BW: ACTION Me9 : Requirements for Architecture Description in TICS StandardsBW to update in accordance with comments on draft, recirculate and allow time for comment: DONE

BW: ACTION Me10: Requirements for Architecture Description in TICS StandardsBW to request permission to Ballot at next TC204 Plenary: DONE

BW: ACTION Me11: Requirements for Architecture Description in TICS StandardsBW to submit to CD ballot.:DONE:

BW: ACTION Me12 : 14813-6 : Data Presentation in ASN.1 BW to send documents again and launch ballot: DONE Passed with comments CR March 07 meeting

BW: ACTION Me13 : 14817 : Convenor to propose to Ian Cornwall that he considers HH proposals and suggests solution.:DONE See subsequent dialogue

ACTION SYD 004 : Experimental evaluation of automatic payment systems and extension into parking lot and other similar payments.**BW to contact TC278/WG1 convenor to try to get relevant reference documents that he believes exists as much work has already been done in this area that may be of use to Japan**

:OUTSTANDING : DONE but needs reminder

ACTION SYD 004 : Experimental evaluation of automatic payment systems and extension into parking lot and other similar payments.**BW to contact TC278/WG1 convenor to try to get relevant reference**



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documents that he believes exists as much work has already been done in this area that may be of use to Japan

:OUTSTANDING : DONE but needs reminder

ACTION SYD BW 030 to request WG7 convenor to submit DD items from 17687 to the DD using the input form on the ISO website (www.itsa.org/tc204.html) : OUTSTANDING: DONE but needs reminder

ACTION SYD BW 031 to request WG7 convenor to submit DD items from 24533 to the DD using the input form on the ISO website (www.itsa.org/tc204.html)- advise about bulk submissions in appropriate form accepted : OUTSTANDING: DONE but needs reminder

BW: ACTION Me 14: 14817 BW to send reminders again – will ask for ecopies of Standards that define data:

BW: ACTION Me 17: TR 17452.Using UML (Unified Language) for defining and documenting ITS BW to check status with Tamas and progress: DONE: RW to supply final documents to TC204 secretariat for publication.DONE. Mar 07 Reminded Secretariat

ACTION SA 019 : Using Web Services (machine-machine delivery) for ITS service delivery BW/HH to prepare a technical Report under the same work item "Reasons to use Web Services in ITS services" : OUTSTANDING

BW/AS :ACTION Me 19: Using Web Services (machine-machine delivery) for ITS service delivery BW/ AS to check for consistency with ISO format foibles DONE

BW: ACTION Me 20: Using Web Services (machine-machine delivery) for ITS service delivery BW to submit for CD Ballot:DONE

BW: ACTION Me 22: Using Web Services (machine-machine delivery) for ITS service delivery BW to include recognition to HH in his next report to TC204 Plenary:DONE

ACTION SA 020 : Procedures for developing ITS deployment plans utilising ITS system architecture BW to make final pass of document to ensure compliance with ISO editing rules, then to submit for publication.: DONE Published

BW : ACTION Me 25: 24531 (Using XML): BW to submit to FDIS Ballot...DONE But havnt seen action. Reminded secretariat March 07

BW/CS : ACTION Me 26: User guide for harmonisation of data concepts and data elements BW /CS to prepare NP document. :DONE

BW ACTION Me 27: User guide for harmonisation of data concepts and data elements BW to submit for NP approval at plenary:DONE

CS/BW ACTION Me 31: ITS Use Case pro forma Template BW /CS to prepare NP document. DONE

BW: ACTION Me 32: ITS Use Case pro forma Template BW to submit for NP approval at plenary:DONE

BW: ACTION Me 36: ITS Use Case pro forma Template BW to ask Plenary for permission to go to TR written ballot between SA and subsequent plenary.DONE

BW: ACTION Me 38: Business justification for ITS Architecture BW to circulate presentation to WG1:DONE

BW: ACTION Me 43 : Training requirements for ITS System Architecture : Convenor to circulate presentation to WG+ PWI Doc:DONE

BW: ACTION Me47 : Procedures and format for ITS Glossaries BW to submit docs again for ballot:DONE. Some revisions suggested. Final format for approval at march meeting

BW ACTION : Me49 : Example high level architecture elaboration : Crash and Emergency BW to resend docs to TS to circulate to approve at SA Plenary. As an INTERNAL technical report.DONE

ACTION SA 027: Crash and Emergency Notification Reference Architecture BW to develop and circulate draft



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BW/AS: ACTION Me50 :UN CEFACT and TC154. Convenor to discuss with AS and as for his suggestions: DONE but no resources

BW/HH ACTION Me52 : BW/HH to prepare presentations for Capetown Workshop: DONE

4. Regional and Associated Body Updates

ISO TC204

A successful plenary was held in Capetown at which we gave the XML and Web Service seminars to an audience that exceeded 30.

The new secretariat is beginning to bed in but has recently lost one of its resources (Dave Thompson) so Tyler Messa is the sole resource at the secretariat and appears to be overloaded. We have to keep on top of the situation.

CEN TC278

An uneventful plenary was held. Some in Europe would like to see a work item for pan European architecture, but not widely supported . Also Czech republic would like to see progress on Glossary of terms. Much interest in eCall. WG15 held a successful meeting and made progress on eCall .It has a follow up meeting in May.

ITU

Held the Fully Networked Car workshop March 7-9. ITU APSC Telemov have revised their website and it now provides useful information about which SDO is doing what

<http://www.itu.int/ITU-T/special-projects/apsc/index.html>

ETSI TG37

Continues to prioritise getting reg approvals at 5.9 GHz and 63 GHz in Europe/ETSI countries. Continues working on TR/TS for common features for WMB systems up to 100 GHz

Australia

None submitted

Czech Republic

None submitted

Japan

HO reported SMARTWAY will have a live pilot on Tokyo expressway, using 5.8 GHz Japanese DSRC during 2007.

JEITA is developing National Standard for information exchange between vehicle and roadside.

ITS Japan has created J-SAFETY Committee to promote ITS safety related projects.



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Korea

None submitted

Europe

None submitted

UK

No significant new developments. London Congestion charge area doubled in size. National debate about road charging and Prime ministers office requested public reaction to road pricing on its website. Nearly 2 million people objected.

USA

None submitted

ISO TC 204 Work Program

Code	ISO No	Title	Stage	Current Target Date	Project Leader	Status/Action Points
	14812	Glossary of ITS Terms				Approved but subsequently deleted at request of WG1
DIS	14813-1	Fundamental Services		December-05	G.Havanowski	Passed DIS ballot - FDIS ballot was submitted to ISO CS - Form 13 will be submitted to ISO CS early August
TR	14813-2					Approved TR Published

FDIS PASSED: Published
Revision suggested no activity as yet.

The actions needed to revise 14813-2 are reasonably clear in the attached document that is excerpted from the minutes of the WG1 meeting in Melbourne in September 2006. However the actions have not been progressed and I will not have the capacity to do anything on this before 2008 as explained in other email

May I suggest a call for expressions of interest to take over the editorial responsibility for this standard

with kind regards
Chris Skinner
WG1 ACTION No resources

-Core TICS
Reference
Architecture



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available to revise. No action

TR	14813-3	- Example Elaboration			Approved TR Published	
TR	14813-4	- Reference Model Tutorial			Approved TR Published	WG1 ACTION-No action required TC has requested that CS make this freely available. Have requested several times but no response from ISO-CS WG1 ACTION- No action required
TR/WD	14813-5				Approved TR Published	
CD	14813-6	Requirements for Architecture Description Data Presentation in ASN.1	60	December-05	R.Williams UK	CD Passed with comments Dec 06 CR meeting March 07 Revised CD Prepared and sent for ballot ?? Ballot not yet seen ACTION WG1- BW to remind Secretariat and if necessary resend for CD ballot. Resubmitted 07-03-13 In process WG1 ACTION Hold CR meeting March then pursue to next stage of ballot
IS	14817	Data Modelling for Transport Information and Control Systems (TICS) Sector (Data Dictionary) – Data Registry				Published. Revision proposed but not action to date. No resources available. WG1 ACTION_No action until resources become available
TR	17452	Using UML (Unified Language) for defining and documenting ITS Interfaces		April-06	J.Smith/A.Schok a	Approved Busan Plenary. Documents submitted for publication. No final Proof seen. Did TC Sec submit for publication. Published ??? WG1 ACTION- Pursue Secretariat to Publication
CD/DIS	24097	Using Web Services (machine-machine delivery) for ITS service delivery		CD: 2006-10 DIS:2007-10	H.Horii Japan	DIS Docs submitted Ballot status ?? Ballot closes 2007-05-12
TR	24098	Procedures for developing ITS deployment plans utilising ITS system architecture		December-05	H.Ozaki Japan	Approved for Publication. Busan Plenary. ISO proof approved Published ??? WG1 ACTION- Pursue Secretariat to Publication
TR	24529	Using UML in ITS Standards	20	DTR: 2006 - 10	C.Skinner AUS	Note (!) DTR target is 10 - 2006. Under development under revision See isw1 810- Just to be clear on this, 24529 is intended to be an ISO Technical Report ie specifically not a standard nor even a technical specification. Therefore we are not talking about conformance



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to a normative standard; rather the intent is to provide guidance from an informative document. This would seem to be more like the intent of the IUUM if I understand you correctly

Bob, please feel free to correct my statement if you have something else in Mind

WG1 ACTION. BW to correct to Sentence case and slightly amend section 6.10 to be less Oz-centric. Then WG1 to submit to Lexington for approval as TR. Then no further action unless new resources become available

ISO	24531	Using XML (eXtensible Mark up Language) in Intelligent Transport System Standards, Data Registries and Data Dictionaries		FDIS: 2006-07	H.Horii Japan	DIS Approved Note (!) FDIS target has almost passed. Project leader is requested to send documents for FDIS ballot ASAP to Tamás Szafkó (acting Secretariat) in order to send out FDIS ballot. Approved DIS Passed. Final doc submitted for publication. Published June 06
TR	24532	Using CORBA (Common Object Request Broker Architecture) in Intelligent Transport System Standards, Data Registries and Data Dictionaries.				
TR	25100	User guide for harmonisation of data concepts	20	DTR: 2006 - 10	C.Skinner AUS	Approved Work item. Under development.

In process. Submitted, Q's from ISO-CS re diagrams and mistype. Resubmitted 2 Mid February. Awaiting FDIS Ballot
WG1 ACTION- Pursue Secretariat to FDIS Ballot and Publication

Published.
WG1 ACTION_ No Action Required

The actions needed to revise 25100 are subject to further discussion if we are to address all of the issues that I think are relevant. It will not be sufficient to rely solely on Core Components. I will not have the capacity to do anything on this before 2008 as explained in other email

May I suggest a call for expressions of interest to take over the editorial responsibility for this standard



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Please note also my comments regarding the revision of 14817

with kind regards

Chris Skinner

*****HO to read and comment by end meeting**

have suspended all work on three NWIs listed below that have not progressed significantly since the WG1 meeting in Melbourne last September 2006. I suggest they be allowed to lapse if there is no one else happy to run with them

I still think they are worth doing but I would not be able to progress them again until 2008

25102 Use Case pro-forma template
25103 Business justification for ITS Architecture
25104 Training requirements for ITS System Architecture

with kind regards

Chris Skinner

WG1 observes that this is good and needed work, some clarification to highlighted points is needed. Annex B example would be nice, but we can do without. BW to attempt to revise and publish as TR Target by 30th June
See comment above

WG1 observes a good start but Clause 6 is too sketchy and Clause 11 exists only as headings.

WG1 ACTION- Call for someone to take this on, if no response will drop the work item

See comment above
I don't have any more detail readily to hand other than what is already in the draft NWI, some of which was based on an extensive study done around 2003 by A/Prof Geoff Rose at Monash University for AustRoads (who declined

TR	25102	ITS Use Case pro forma Template	20	DTR: 2006 - 10	C.Skinner AUS	Approved Work item. Under development.
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TR	25103	Business justification for ITS Architecture		DTR: 2007 - 03	C.Skinner AUS	Approved Work item. Under development.
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TR	25104	Training requirements for ITS System Architecture		DTR: 2007 - 03	C.Skinner AUS	Approved Work item. Under development.
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to publish that study report for some opaque reason)

I have just started preparation for first semester lectures starting in March and will note anything for the draft NWI as I cover that topic

Chris

WG1 observes not just a good start, but could be technically completed without too much effort. Needs perspectives of extra eyes, ask HO & P.Jesty to try to identify gaps. Then amend and go to vote as TR

WG1 ACTION –see above
 Document finalised. WG to Discuss/approve Done:
WG1 ACTION :send for CD ballot March 07 meeting

NP	25106	Procedures and format for ITS Glossaries		CD: 2006 - 07	R.Williams UK	BW has prepared final doc for WG approval Mar 07
TR	25109	Example high level architecture elaboration : Emergency	20	DTR: 2006-07	R.Williams UK	Under Development.
TR	26682	Crash and Emergency Notification Reference Architecture	20	DTR: 2006-12	R.Williams UK	Under Development. Extension requested
PWI	*****	Rules and guidance for the use of Process (Functional) Orientated Methodology in ITS Standards, Data Registries and Data Dictionaries. Target date 12/07. Report for ITS Standards Worldwide -A Joint APEC-ISO Study of Progress to Develop and Deploy ITS Standards		December-07	R.Bosson UK	Work Item number is required
TR	28682	Standards		2006/10	D.Choi/R.Williams	Approved Capetown plenary. Final draft submitted for publication

Marked as a reference internal technical report not published. Close work item

WG1 ACTION – BW to speed up development, or work item to be abandoned

WG1ACTION – Convenor to remind editor that this was promised for Dec 07 and/or ask for new date, Convenor to remind Secretariat for number
 Number Please

Published ???

7.

14813-1	- Fundamental Services	Published as full IS	Published ISO Standard	
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BW advised that he had received confirmation from ISO CS that this work item had passed FDIS and was now published. BW congratulated all involved for their efforts.

He advised the committee that courtesy of the book that he was authoring on ITS Standards, it was now his opinion that 14813-1, while it was a significant improvement on its predecessor, was still very institution-centric. He expected to come back to the committee in the summer with proposals to start a revision programme to enhance it further and make it better embrace the private sector and communications aspects. He further noted that there were 2 comments to the FDIS ballot that were apparently added to the US comments to 14813-6 in error. Since that FDIS ballot has already been successfully concluded and 14813-1 published, these comments are passed on to the 14813-1 revision task force for consideration at the first revision to the Standard.

8.

14813-2	-Core TICS Reference Architecture	Published	Approved TR2	60
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While there was agreement and correspondence regarding possible enhancement, as WG1 does not have resources to undertake this, this work is suspended until further notice and until adequate resources (a leader with time to do the work and 5 countries participating) are available.

9.

14813-3	- Example Elaboration	Published	Approved TR2.	60
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No action required

10.

14813-4	- Reference Model Tutorial	Published	Approved TR2.	60
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No action required. We have made several requests to have this made available free of charge, and we will wait to see if anything happens. No further lobbying activities planned to achieve this.

11.

14813-5	- Requirements for Architecture Description in TICS Standards	Published Revised To CD ballot	Approved TR2.	60
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Draft discussed and approved. BW apologised that it might be his fault that this had not already gone to ballot. He thought he had submitted it following Melbourne, but it is not in the Secretariat list of ballots in progress, either the Secretariat has lost the item or he did not send it in the first place. Resubmitted for ballot 07-03-13

ACTION ITEM Ty1: 14813-5Requirements for Architecture Description in TICS Standards : DONE

12.

14813-6	- Data Presentation in	Published	Ballot passed with	60
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	ASN.1	Revised Submitted CD Ballot	comments. CR meeting 07-03-13	
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Participant	
AENOR (Spain)	Do you agree to the circulation of the draft as a DIS? We abstain
AFNOR (France)	Do you agree to the circulation of the draft as a DIS? We abstain
ANSI (USA)	Do you agree to the circulation of the draft as a DIS? Yes with comments
BIS (India)	Do you agree to the circulation of the draft as a DIS? Yes
BSI (United Kingdom)	Do you agree to the circulation of the draft as a DIS? Yes
CNI (Czech Republic)	Do you agree to the circulation of the draft as a DIS? Yes with comments
DIN (Germany)	Do you agree to the circulation of the draft as a DIS? No
DSM (Malaysia)	Do you agree to the circulation of the draft as a DIS? Yes
JISC (Japan)	Do you agree to the circulation of the draft as a DIS? Yes with comments
KATS (Korea, Republic of)	Do you agree to the circulation of the draft as a DIS? Yes
MSZT (Hungary)	Do you agree to the circulation of the draft as a DIS? Yes
NEN (Netherlands)	Do you agree to the circulation of the draft as a DIS? No



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SA (Australia) Do you agree to the circulation of the draft as a DIS?	Yes
SABS (South Africa) Do you agree to the circulation of the draft as a DIS?	We abstain
SAC (China) Do you agree to the circulation of the draft as a DIS?	Yes
SCC (Canada) Do you agree to the circulation of the draft as a DIS?	Yes
SIS (Sweden) Do you agree to the circulation of the draft as a DIS?	Yes
SN (Norway) Do you agree to the circulation of the draft as a DIS?	Yes
SNV (Switzerland) Do you agree to the circulation of the draft as a DIS?	We abstain
UNI (Italy) Do you agree to the circulation of the draft as a DIS?	Yes

In accordance with section 2.5.6 of part 1 of ISO directives, CD ballot is successful in achieving a 2/3 majority of voting P-members. 11 Yes; 2 No; 4 Abstain; 4 No-response.

Results of Voting

ISO/CD 14813-6 Transport information and control systems - Reference model architecture(s) for the ITS sector - Part 6: Data presentation using ASN.1

P-Members Agreeing	P-Members Agreeing with Comments	P-Members Disagreeing	P-Members Abstaining	No Response
India United Kingdom Malaysia Korea Hungary Australia China Canada Sweden Norway	Czech Republic Japan USA	Germany Netherlands	Spain France South Africa Switzerland	Belgium Russian Federation Austria Israel



ISO TC204/ WG1 Architecture, Taxonomy & Terminology

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Italy				
11	3	2	4	4

The comment resolution meeting was held and a comment resolution report (isw1-811) prepared. The form of this report was slightly unusual in that in addition to the normally formatted comments there was an "Annex C" of proposed revised texts.

In respect of this annex the meeting worked through on a line by line basis to see if the proposed texts offered an improvement. In many cases either they did offer an improvement (in which case the old text was replaced), or, they were combined with all or part of the existing texts, the joint effort clarifying and improving the resultant text. In some cases the existing text was preferred for one reason or another –see isw1-811. In respect of 1 proposed change, BW instructed to contact John Larmouth and ask for his opinion.

ACTION ITEM Ty2 : 14813-6 Using ASN.,1 in ITS Standards. BW To contact J.Larmouth about outstanding comment

ACTION ITEM Ty3 : 14813-6 Using ASN.,1 in ITS Standards BW to circulate CR meeting report: DONE

13.

14817	Data Modelling for Transport Information and Control Systems (TICS) Sector (Data Dictionary) – Data Registry	Published	Full IS Dec 2002	60
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Revision proposed but not action to date. No resources available.

WG1 ACTION_No action until resources become available

13.b Data Registry implementation

No progress

14.

ISO17452	Using UML (Unified Language) for defining and documenting ITS Interfaces	TR Submitted for Publication	Approved Busan Plenary April 2006	
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No final Proof seen. Did TC Secretary submit for publication?

ACTION ITEM Ty4 ISO TR 17452 - Using UML (Unified Language) for defining and documenting ITS Interfaces BW to Pursue Secretariat to Publication : DONE

Secretariat advises that this doc has been lodged with ISO CS for publication, but no date yet available.



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15

ISO 24097	Using Web Services (machine-machine delivery) for ITS service delivery	PWI 12/06	Submitted for DIS Ballot Ballot closes 2007-05-12	
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In DIS Ballot closes Ballot closes 2007-05-12

ACTION ITEM Ty5 : Using Web Services (machine-machine delivery) for ITS service delivery BW to post notice of CR meeting in September : DONE

16.

TR 24098	Procedures for developing ITS deployment plans utilising ITS system architecture	TR Approved Submitted for Publication	Approved Busan Plenary	
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Final proof seen and approved. Publication date not yet provided

17.

TR 24529	Using UML in ITS Standards	NP 12/06	TRdraft circulated to WG. Intention to proceed for approval at Spring 2007 TC204 Plenary	20
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The WG spent considerable time at this meeting further developing and enhancing the draft. Particular thanks to H.Horii. The draft has also been tidied up to conform to ISO sequencing and grammatical/presentation issues. Circulated to WG1 for comment (close 31 March). To be submitted to TC204 secretariat prior to Plenary so it can be approved at the spring 2007 plenary.

ACTION ITEM Ty6 : TR 24529 Using UML in ITS Standards BW to circulate to WG members for 14 day comment.: DONE

ACTION ITEM Ty7 : TR 24529 Using UML in ITS Standards BW to incorporate changes and submit for approval at spring Plenary

18.

ISO 24531	Using XML (eXtensible Markup Language) in Intelligent Transport System Standards, Data Registries and Data Dictionaries	12/06 DIS Passed submitted for FDIS Ballot	DIS	Submitted for FDIS Ballot
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Secretariat acknowledges that this has been sent to ISO CS for FDIS ballot, but the date of that ballot has not yet been released.



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19.

ISO 24532	Using CORBA (Common Object Request Broker Architecture) in Intelligent Transport System Standards, Data Registries and Data Dictionaries.	12/03 TR PUBLISHED June 2006	Published	
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No action required

20.

TR 25100	User guide for harmonisation of data concepts and data elements	PWI 2005/10	Approved Work item. Under development.	
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Reviewed by the WG and in detail by HO. The document has good progress but is not complete. HO has reorganised and expanded. BW to check consistency to ISO practices and do verify check on the changes and sequencing. Then to submit to WG for 14 day comment followed by submission to TC sec for circulation and ballot for approval at Lexington Plenary , Spring 2007

ACTION ITEM Ty8 : TR 25100 User guide for harmonisation of data concepts BW to circulate to WG members for 14 day comment.

ACTION ITEM Ty9 : TR 25100 User guide for harmonisation of data concepts BW to incorporate changes and submit for approval at spring 2007 Plenary

21.

TR 25102	ITS Use Case pro forma Template	PWI 2006/10	Approved Work item. Under development.	
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The WG tidied up this document (which was substantially complete. The document has been reviewed in detail by HO and improvements/extension made. The document has since been expanded by BW for consistency, and a check against external checklists will be made immediately following the conclusion of the meeting.. BW to make subsequent amendments and send to WG for 14 day comment (close 31 March). To be submitted to TC204 secretariat prior to Plenary so it can be approved at the spring 2007 plenary

ACTION ITEM Ty10 : TR 25102 ITS Use Case pro forma Template BW to circulate to WG members for 14 day comment.

ACTION ITEM Ty11 : TR 25102 User ITS Use Case pro forma Template BW to incorporate changes

ACTION ITEM Ty12 : TR 25102 User ITS Use Case pro forma Template BW to submit for approval at spring 2007 Plenary



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22.

TR 25103	Business justification for ITS Architecture	PWI 2007/03	Approved Work item. Under development.	
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WG1 observes a good start but Clause 6 is too sketchy and Clause 11 exists only as headings. It is not complete enough to proceed as a TR, which is a pity because it is in demand.

ACTION ITEM Ty13 – TR 25103 Business justification for ITS Architecture BW to Call for someone to take this on, if no response will drop the work item

23.

TR 25104	Training requirements for ITS System Architecture	PWI 2007/03	Approved Work item. Under development.	
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WG1 observes not just a good start, but could be technically completed without too much effort. Needs perspectives of extra eyes.

HO & P.Jesty have agreed to review and to try to identify gaps. HO completed review by 15th and was discussed at meeting and further enhancements made. Revised draft to be sent to PJ by late 15th, PJ has undertaken to respond by 22nd, then amend and go to WG1 members for 5 day comment so that it can go to ballot at Spring 2007 Plenary, but the WG will hold this as an initial target, depending on the review of PJ.

ACTION ITEM Ty14: – TR 25104 Training requirements for ITS System Architecture HO to review and extend draft : DONE

ACTION ITEM Ty15: – TR 25104 Training requirements for ITS System Architecture BW to revise for consistency with ISO formats and layout & transfer onto clean master

ACTION ITEM Ty16: – TR 25104 Training requirements for ITS System Architecture BW to send to PJ

ACTION ITEM Ty17: – TR 25104 Training requirements for ITS System Architecture PJ to review and extend draft

ACTION ITEM Ty 18: -TR 25104 Training Requirements for ITS System Architecture BW to submit for approval at next plenary

24.

ISO 25106	Procedures and format for ITS Glossaries	PWI 2006/07	Submitted for CD ballot. Busan Plenary	
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Document finalised. There are no significant changes from last iteration, principally tidying up and dealing with comments from last circulation WG to Discuss/approve Done:



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**ACTION ITEM Ty 19 : 25106 Procedures and format for ITS Glossaries BW send for CD ballot
March 07 meeting: DONE**

25.

TR 25109	Example high level architecture elaboration : Crash and Emergency	PWI 2006/07	Draft circulated. To submit for letter ballot	
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Marked as a reference internal technical report not published. Close work item

26.

TR 26682	Crash and Emergency Notification Reference Architecture	PWI 2006/12	Approved Work item. Draft circulated.	
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ACTION ITEM Ty 20 : Crash and Emergency Notification Reference Architecture – BW to speed up development, or work item to be abandoned

27.

PWI XXXXX	Rules and Guidance for the use of Process (Functional) Oriented Methodology in ITS Standards, Data Registries and Data Dictionaries	PWI 2007/12	Work item approved at Busan Plenary	
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Awaiting delivery of draft from RB /PJ. . still awaiting allocation of doc reference number by ISO. Delay to first has in part been caused by delay in RB getting template.
(Existing action item)

28

TR 28682	Report for ITS Standards Worldwide -A Joint APEC-ISO Study of Progress to Develop and Deploy ITS Standards	TR/2006/ 10	Approved Capetown PlenaryFinal Draft submitted. Acknowledged by ISO Cs. Editorial corrections made. Publication date not yet announced	
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Approved Capetown Plenary Final Draft submitted. Acknowledged by ISO CS. Editorial corrections made. Publication date not yet announced

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Liaison Arrangements (WG-level liaisons Internal to TC204)
None

30. Liaison Arrangements (WG-level liaisons External to TC204)
None

31. Convenors Report to ISO TC204 CHOD & Plenary

To be written

32. Preliminary Work Items (PWIs) Discussion

None

33. New Work Items (NPs) Discussion

None

34. Future Meetings

18 -20th September 2007 UK : Convenor to discuss with UK team. (Scotland suggested)
January 2008* : Singapore (provisional)

*Final date to be decided in September

NOTE These meeting dates will also carry Comment resolution meetings.

This posting gives formal notification of comment resolution meetings at the September 2007 meeting for :

Number	Terse Title	Ballot Stage	Ballot Close Date
24097	Using Web Services	DIS	2007-05-12
14813-5	Requirements for Architecture Description	CD	
25106	Procedures for ITS Glossaries	CD	

And may, if necessary provide comment resolution to any comments associated with the ballots of TRs:

- TR 24529 Using UML in ITS Standards
- TR 25100 User Guide for harmonisation of Data Concepts
- TR 25102 ITS use case pro forma template
- TR25104 Training requirements for ITS System Architecture

Future meetings of WG1 will be timed to meet Committee Resolution meetings for voted draftd. Please note: it is intended that there will be an increase in email work and teleconferences between meetings.



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ACTION ITEM Ty21 : BW to liaise with UK members and organise meeting in Scotland September 18020 2007

35. Status report of Work Items from TC204 Secretariat

Secretariat reported that the following work item(s) were under ballot:

Number	Terse Title	Ballot Stage	Ballot Close Date
24097	Using Web Services	DIS	2007-05-12

Secretariat confirms that the following work items have been submitted to CS but ballot dates have not yet been issued

Number	Terse Title	Ballot Stage	
TR 17452	Using UML (Unified Language) for defining and documenting ITS Interfaces	Approved TR	Awaiting publication date
TR 24098	Procedures for developing ITS deployment plans	Approved TR	Awaiting publication date
24531	Using XML	FDIS	
TR 28682	Report for ITS Standards Worldwide -A Joint APEC-ISO Study	Approved TR	Awaiting publication date

The following items have been submitted to TC204 Secretariat but ballot has not yet commenced

Number	Terse Title	Ballot Stage	
14813-5	Requirements for Architecture Description	CD	
25106	Procedures for ITS Glossaries	CD	

36. A.O.B

The convenor meeting thanked JARI for hosting the Tokyo meeting



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OPEN ACTION ITEMS:

ACTION ITEMS IN Work ORDER SEQUENCE:

OPEN ACTION ITEMS

By Member

Richard Bossom

ACTION SA 028 : Using POM. RB to develop, with participating countries, a first draft, for discussion at first meeting in 2007: **OUTSTANDING**

Harou Hori

ACTION SA 019 : Using Web Services (machine-machine delivery) for ITS service delivery BW/HH to prepare a Technical Report under the same work item "Reasons to use Web Services in ITS services" : **OUTSTANDING**

Tom Kurihara

ACTION Me 24: Using UML in ITS Standards BW to request US (TomK / Bob Rausch) to provide permission to reproduce parts and JPEGs of IUUM diagrams **ACTION Ty1**: BW to chase up

Andy Schoka

Chris Skinner

John Smith

JS:ACTION Me 15: 14817 Provisional Data Registry TC204 DR to be implemented using ANZIDAR by JS

Peter Jesty

ACTION ITEM Ty17: – TR 25104 Training requirements for ITS System Architecture PJ to review and extend draft

Bob Williams

ACTION SYD BW 030 to request WG7 convenor to submit DD items from 17687 to the DD using the input form on the ISO website (www.itsa.org/tc204.html) : **OUTSTANDING**: **DONE** but needs reminder



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ACTION SYD BW 031 to request WG7 convenor to submit DD items from 24533 to the DD using the input form on the ISO website (www.itsa.org/tc204.html)- advise about bulk submissions in appropriate form accepted : OUTSTANDING: DONE but needs reminder

BW: ACTION Me 14: 14817 BW to send reminders again – will ask for ecopies of Standards that define data:

ACTION SA 027: Crash and Emergency Notification Reference Architecture BW to develop and circulate draft

ACTION SA 019 : Using Web Services (machine-machine delivery) for ITS service delivery BW/HH to prepare a technical Report under the same work item "Reasons to use Web Services in ITS services" : OUTSTANDING

ACTION ITEM Ty2 : 14813-6 Using ASN.,1 in ITS Standards. BW To contact J.Larmouth about outstanding comment

ACTION ITEM Ty7 : TR 24529 Using UML in ITS Standards BW to incorporate changes and submit for approval at spring Plenary

ACTION ITEM Ty8 : TR 25100 User guide for harmonisation of data concepts BW to circulate to WG members for 14 day comment.

ACTION ITEM Ty9 : TR 25100 User guide for harmonisation of data concepts BW to incorporate changes and submit for approval at spring Plenary

ACTION ITEM Ty10 : TR 25102 ITS Use Case pro forma Template BW to circulate to WG members for 14 day comment.

ACTION ITEM Ty11 : TR 25102 User ITS Use Case pro forma Template BW to incorporate changes

ACTION ITEM Ty12 : TR 25102 User ITS Use Case pro forma Template BW to submit for approval at spring 2007 Plenary

ACTION ITEM Ty 13 : TR 25103 Business justification for ITS Architecture BW to Call for someone to take this on, if no response will drop the work item

ACTION ITEM Ty15: – TR 25104 Training requirements for ITS System Architecture BW to revise for consistency with ISO formats and layout & transfer onto clean master

ACTION ITEM Ty16: – TR 25104 Training requirements for ITS System Architecture BW to send to PJ

ACTION ITEM Ty 18: -TR 25104 Training Requirements for ITS System Architecture BW to incorporate revisions submit for approval at next plenary



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ACTION ITEM Ty 20 : Crash and Emergency Notification Reference Architecture – BW to speed up development, or work item to be abandoned

ACTION ITEM Ty21 : BW to liaise with UK members and organise meeting in Scotland September 18020 2007