

ISO TC204/WG 10 Dopravní a cestovní informace

Zpráva z jednání pracovní skupiny

Místo a termín konání: Soul, Jižní Korea, 25.4.2018 9:00-13:00

Přítomni: 13 zástupců skupiny, mj. Paul Burton (GB, konvenor), András Csepinszky (HU, HOD, býv. Zástupce ERTICO, TISA), Jonatan Harrod Booth (UK, HOD), zástupci Japonska a Koreje ...

Anotace: Půldenní jednání, věnováno interní revizi příkladů ke slovníku grafických dat 14823 a rychlé revizi k ALERT-C a TPEG, zde jsou problémy s komunikací s TISA.

Jednání bylo zahájeno představením delegátů a přehledem minulé agendy.

První polovina jednání byla věnována prezentaci a komentářům k zprávě 14823 slovník geografických dat (popisy v ASN.1 k dopravním značkám). Jsou opět řešeny přesahy do pracovní skupiny UN Group on Road Signs and Signals (E_CoRSS), nejsme s nimi v rozporu. Od minulého jednání Paul Burton a Takahiro Sugawara zapracovali na aktualizaci Excelu s vizuály dopravních značek jednotlivých zemí. Tento excel je příkladem strojově čitelného souboru, řešíme na komisi jak by se měl udržovat a jak aktualizovat v repositáři ISO.

Komise TC226, začíná řešit, jaké by měly být vlastnosti značek (velikost, barvy, písmo, materiál, reflektivita, ...) pro automatické rozpoznávání, vědí o práci naší skupiny a nebudou tvořit nový slovník značek. Dále pan Booth zpravil komisi o související prezentaci firmy Mobileye, která se tématikou zabývá, například o tom, že proměnlivé dopravní značení není pro kamery čitelné (různé obnovovací frekvence).

V druhé polovině jednání byly probírány normy k dopravním informacím.

RDS-TMC normy jsou v této chvíli stabilní. Chystá se systematická revize. Zatím není identifikována žádná změna. Pan Csepinsky (AC) říká, že se s normami nic nechystá, je to opravdu tak? TISA nechává členy pracovní skupiny bez jakýchkoliv relevantních informací. Možná se pracuje na revizi s ohledem na RDS 2.0, Korea a USA plánují její použití.

Chystá se revize normy TPEG 2 (3, 4, 5, 6, 18), doporučení konvenora je normy revidovat. Dle informací AC mnoho korekcí a doplňků. Stěžuji se, že jako pracovní skupina nevíme nic o těchto revizích a přesto máme hlasovat pro revizi. Jako zástupce nebudu hlasovat pro revizi, pokud nedostanu nějaké podklady, toto stanovisko bylo konvenorem komunikováno TISA. Korea má implementován TPEG 1, a řeší jak TPEG na novém médiu hddtv. Zástupce Korei se ptá kolik zařízení v Evropě používá TPEG2 a podle AC jsou to milióny a milióny, opět přehánění, nakonec jmenoval 3 poskytovatele.

Jednání bylo ukončeno ve 12:30.

Příloha: Zápis z jednání od konvenora skupiny

Komentovaná agenda / zápis z jednání od Konvenora skupiny.

Příloha: Zápis z jednání od konvenora skupiny

ISO/TC 204 WG10
Traffic and Traveller Information Systems

Plenary meeting of ISO/TC 204 WG 10

1. 25 April 2018

09.00 – 13.00
Seoul, Korea

The meeting opened at 09.10

2. Opening roll call of participants

The meeting welcomed those who were able to attend. All introduced themselves.

3. Approval of Agenda

The Agenda was sent in advance of the meeting by the Convenor. There were no other items of Any Other Business.

4. Remarks of the Convenor

Paul Burton thanked everyone for attending.

5. Notes from the Previous meeting in San Antonio, Texas on 25 October 2017

Agreed.

6. Matters Arising the Previous meeting in San Antonio, Texas on 25 October 2017

All actions had been fulfilled. All other matters dealt with during the meeting.

7. Review of ISO TS 14823

At the previous meeting there were concerns that a UNECE group appeared to be working in parallel work on standardising sign messages by the UN Working Party on Road Traffic Safety WP.1 Group on Road Signs and Signals (E_CoRSS) ECE/TRANS/WP.1/GE2/21.

Paul Burton had met with the Secretary of the group who is based in Brussels and discussed the situation. It was confirmed that there was no overlap and the group were looking to visually unify signs for better machine readability. The good news is that they would like to assign the EN ISO 14823 sign code in their revised catalogue. Paul Burton has arranged with ISO CS to make the EN ISO 14823 standard available to this group.

Interestingly Jon Harrod Booth had recently attended a CEN/TC226 meeting which is a sister group to CEN/TC278 and looks at physical road equipment, signs and road markings. This group are looking at similar issues to the UNECE group. There had been a presentation from an Israeli company called *Mobile Eye* who develop equipment to read road signs, they note the different versions of signs including VMS and are seeking better visual

harmonisation of signs.

The meeting looked at the pictogram catalogue which is held on the ISO standards portal.

<http://standards.iso.org/iso/ts/14823>. It was noted that there were two files within the portal and it was not clear which one was the latest version. Paul Burton had looked at the spellings and the correspondence to the “paper” version and Taka Sugawara had checked afterwards. On inspection, it was clear that there were many spelling errors and that it may not have the same descriptions for each element as the normative part of the standard and that there were addition items, frankly the on-line file was poor, even though it was an informative annex. Additionally, China wished to add their signs to the catalogue.

It was not clear whether we can just correct the online file and upload it or whether there was a more formal version control. JHB suggested that indexing each element with a URI; possible involving changing the storage method from an Excel file to a database file.

Paul Burton to discuss this with the Secretariat in the Plenary.

It was noted that the published EN ISO 14823 had the tri-grams removed from the sign message table, they can prove useful in linking to protocols such as DATEX II. The Systematic Review of EN ISO is not due for another 4 years (2022).

Taka Sugawara then introduced the progress he had made on Part 2 of ISO/TR 14823 which contains worked examples. The meeting looked at the use cases and the examples that had been proposed by Taka. Taka had been working with Ken Vaughn on the ASN.1 coding for each example and putting the ASN.1 through an on-line checking tool; this had thrown up some issues with the ASN.1 in Part 1. Good progress had made and it was agreed to circulate the document for a 28 day review in WG10 prior to submitting it for NP/CD ballot in June with a comment resolution meeting at the Autumn ISO/TC204 Plenary in Europe in September 2018.

8. ISO EN 14819 - RDS-ALERT C

The ISO EN 14819 series were at present stable. They will come up for Systematic Review in October 2018 where it is intended that the associated corrigenda collected by TISA will be incorporated in a revision.

9. ISO TS 21219 Series

Since the last meeting in Auckland the following has been sent for publication.

TS 21219-26: Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) - part 26: Vigilance Location Information (TPEG2-VLI).

The following had been on Systematic Review. There were 9 confirmations and only one vote (from Austria) for revision.

21219-2 Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) – part 2: UML modelling rules (TPEG2-UMR)

After a prolonged discussion it was agreed that one of the issues was that NSBs didn't know what revisions were planned and that a revision was need. Paul was asked to get a commentary from TISA to outline the revisions to be considered. Due to the short timescale it was agreed that a resolution to ask for an NP to revise the standard and to change the target scope to an IS.

In the afternoon of the meeting after the meeting had concluded, TISA provided a commentary on the revisions for parts 2, 3, 4, 5, 6 and 18. It was still considered too late and it was agreed at the Plenary that 2 weeks be allowed

to elapse for NSBs to study the document in time for the responses of the Systematic Review for part 3, 4, 5, 6 and 18.

Form 4 for part 2 and indeed part 3, 4, 5, 6 and 18 be prepared between now, circulated around WG10 ready for the next meeting in Budapest.

The following documents are on Systematic Review with responses due by 4 June 2018. At that time an NP will be raised to revise the documents and to change the target to an IS.

21219-3 Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) – part 3: UML to binary conversion rules (TPEG2-UBCR)

21219-4 Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) – part 4: UML to XML conversion rules (TPEG2-UXCR)

21219-5 Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) – part 5: Service framework (TPEG2-SFW)

21219-6 Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) - part 6 : Message management container (TPEG2-MMC)

21219-18 Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) – part 18: Traffic flow and prediction application (TPEG2-TFP)

10. Resolutions needed

After the meeting Paul was advised that an Announcement Resolution was needed to enable an NP ballot.

11. Any other business

None

The convenor thanked all those present.

12. Date and Venue of next meeting

Wednesday, 12 September 2018 (half a day) of the Autumn meeting in Budapest

The meeting completed at 13.00.

Participant List

Name	Country	e-mail
Andras Csepinszky	Hungary	andras.csepinszky@nng.com
Paul Burton	UK	paul.burton1@btinternet.com
Takahiro Sugawara	Japan	sugawara@utms.or.jp
Jonathan Harrod Booth	UK	jon@harrodbooth.com
Loïc Blaive	France	its.mobilite@online.fr
Sangheon Kim	Korea	sleepturtle@itskorea.kr
Petr Bures	Czech Republic	petr.bures@tamtamresearch.com
Ken Vaughn	USA	kvaughn@trevilon.com
Yueming Xu	China	xu-ym@xuperouter.com
Jeongjun Lee	Korea	junlee@moru.com
Sangwoon Lee	Korea	quattro@nsu.ac.kr
Jiangfeng Liu	China	Liujiangfeng2008@126.com
Doyeon Hong	Korea	Doyeon11@itskorea.kr