

ISO/IEC JTC 1/SC 24/WG 8

Environmental Data Representation

Meeting 37

Working Session 19 July 2021, 21:00 UTC

Plenary Session 26 July 2021, 21:00 UTC

Farid Mamaghani – Acting WG 8 Convenor

Working Session Agenda (draft original)

19 July 2021 - online meeting

1. Welcome and Introductions
2. ISO Code of Conduct at Meetings
3. Adoption of Agenda
4. Current and Anticipated Work Plan:
 - 18041-5 EDCS LB to C++ (Myeong Won Lee / Richard Puk)
 - 18042-5 SRM LB to C++ (Myeong Won Lee / Richard Puk)
 - 18024-5 SEDRIS Part 1 LB to C++ (Myeong Won Lee)
5. OKTAL-SE Standardization Topics (Jean Latger) (will be presented on 26 July)
6. STF to X3D Conversion (Myeong Won Lee)
7. STF XML Encoding (Myeong Won Lee)
8. Update on SISO RIEDP Products & Standards (Jean-Louis Gougeat / F. Mamaghani)
9. SISO EDRS Product Support Group (Paul Foley)
10. Report on TC 211 and SC 24 Meeting on Registry Standards (Farid Mamaghani)
11. SRM Edition 3 (Craig Rollins / Farid Mamaghani)
12. EDCS Registry
13. Current status of Action Items
14. Review of the WG 8 work programme
15. Status of Systematic Reviews of Standards
16. Draft recommendations to be forwarded to the WG 8 Plenary meeting

ISO Code of Conduct

19 July 2021 - online meeting

The Code of Conduct (Code) is to facilitate ISO 's work, which is carried out in an international, multi-stakeholder, multi-sector environment. It applies to all ISO actors.

- Respect Others
- Behave Ethically
- Escalate and Resolve Disputes
- Work for the Net Benefit of the International Community
- Uphold Consensus and Governance
- Agree to a Clear Purpose and Scope
- Actively and Manage Effective Representation

Reference: ISO Code of Conduct for the Technical Work <https://www.iso.org/publication/PUB100397.html>

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*Verbal presentations by Dr. Myeong Won Lee on status of 18041-5 and 18042-5
See presentation slides by Dr. Myeong Won Lee - SEDRIS C++ Updates_210719.pdf (WG80660)*

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5. **Update on SISO RIEDP Products & Standards** (*see RIEDP presentation – WG80661*)
6. STF to X3D Conversion (Myeong Won Lee)
7. STF XML Encoding (Myeong Won Lee)
8. Report on TC 211 and SC 24 Meeting on Registry Standards (Farid Mamaghani)
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On-going and Potential New Work by Korean National Body

- STF to X3D Conversion (Myeong Won Lee)
- STF XML Encoding (Myeong Won Lee)

See presentations by Dr. Myeong Won Lee
[SEDRIS_to_X3D_Conversion_210719.pdf – WG80662](#)
[SEDRIS_XML_Encoding_210719.pdf – WG80663](#)

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6. STF to X3D Conversion (Myeong Won Lee)
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8. **Report on TC 211 and SC 24 Meeting on Registry Standards (Farid Mamaghani)**
9. SRM Edition 3 (Craig Rollins / Farid Mamaghani)
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Report on TC 211 and SC 24 Meeting on Registry Standards

- ◆ 9 April '21 informal meeting:
 - Peter Parslow, TC211/WG1 Convenor
 - Ronald Tse, TC211 Geodetic Register Registration Authority
 - Mats Åhlin, TC211 Committee Manager
 - Myeong Won Lee, JTC 1/SC 24 Chairperson
 - Jack Cogman, JTC 1/SC 24
 - Farid Mamahani, JTC 1/SC 24
- ◆ **Purpose:** Exchange ideas and discuss plans within each committee/sub-committee on revisions to:
 - ISO 19135-1:2015 *Geographic information – Procedures for item registration*, with AMD1:2021
 - ISO/IEC 9973:2013 *Information technology - Computer graphics, image processing and environmental data representation — Procedures for registration of items*
- ◆ **Discussion:**
 - Background, scope, purpose, and current use of each standard (note: 9973 references 19135-1)
 - Most concepts between the two standards are very similar; their intended use is a little different
 - TC 211 is planning to revise 19135-1, and is exploring similarities to 9973.
 - From TC 211/WG 1's perspective, the meeting, and any subsequent discussions, are intended to help decide the scope of that revision.
 - Question is whether to create a mapping or harmonisation of ISO 19135 and ISO/IEC 9973, or a single more general standard that the two groups could then implement (as long as does not break any existing implementations), or leave two standards as-is.
- ◆ **Results:**
 - Possibly form an ad hoc group to look at establishing a joint working group to work towards a consolidated standard. This would need discussion and agreement in both SC24 and TC211.
 - **Action:** Ron and Peter to draft a proposal for an ad hoc group, to be discussed at both committees.

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5. Update on SISO RIEDP Products & Standards (see RIEDP presentation)
6. STF to X3D Conversion (Myeong Won Lee)
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8. Report on TC 211 and SC 24 Meeting on Registry Standards (Farid Mamaghani)
9. **SRM Edition 3** (*verbal report by Farid M.*)
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9. SRM Edition 3 (Craig Rollins / Farid Mamaghani)
10. EDCS Registry (*verbal report by Farid M.*)
11. Current status of Action Items (*review of existing and new action items*)
12. Review of the WG 8 work programme (*current WG 8 work programme reviewed*)
13. Status of Systematic Reviews of Standards (*discussion*) (*further discuss at HoD/C*)
14. Draft recommendations to be forwarded to the WG 8 Plenary meeting (*drafted*)

Plenary Session Agenda (draft original)

26 July 2021 - online meeting

1. Welcome and introductions
2. ISO Code of Conduct at Meetings
3. Approval of the minutes of the 36th meeting held online 2020
4. Convenor's report
5. Summary of key topics from the Working Session
6. OKTAL-SE Standardization Topics (Jean Latger)
7. National Body reports
8. Liaison reports
 - SEDRIS
 - SISO
 - Any other liaison reports
9. Editors reports
10. Reports and Appointment of registry rapporteurs
 - EDCS
 - SRM
 - SEDRIS
 - Recommendation for TC 211 & SC 24 effort on Registry Standards
11. Summary of WG 8 content in the draft SC 24 Business Plan for 2021-22
12. Work Schedule and Status of Systematic Reviews
13. Review and approval of WG 8 Recommendations to SC 24
14. Review action items
15. Adjourn

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4. Approval of the minutes of the 36th meeting held online 2020 (*reviewed and approved*)
5. Convenor's report (*see report – WG80657*)
6. Summary of key topics from the Working Session
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Summary of key topics from the Working Session (on 19 July 2021)

- C++ language binding ballots for EDCS and SRM in progress – ballots ending 9 Aug and 11 Aug, respectively
- C++ language binding for SEDRIS Part 1 (DRM/STF) in work
- Overview of RIEDP concepts and its use of SEDRIS standards
discussion on: market segments, use of animation, use of AI/ML
- STF to X3D conversion
demonstration of initial viewer and converter tool being developed
- STF XML encoding
progression of work on schema, representation of data types, and handling non-linear aspects of DRM relations with linear XML types
- Report on initial registry concept discussions between TC 211 and SC 24
- Verbal reports on: possible SRM Ed. 3; No change on EDCS Registry status
- Systematic Reviews of standards to be discussed during HoD/C
- No new Action Items, and no changes to open items
- Recommendations to SC 24: To be reviewed during today's session

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8. Liaison reports
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 - Recommendation for TC 211 & SC 24 effort on Registry Standards
11. Summary of WG 8 content in the draft SC 24 Business Plan for 2021-22 *(all updates discussed)*
12. Work Schedule and Status of Systematic Reviews *(to be discussed at HoD/C)*
13. Review and approval of WG 8 Recommendations to SC 24 *(reviewed & approved – see WG80665)*
14. Review action items *(no changes – see Minutes WG80666)*
15. Adjourn