

bS-USA Solutions Providers Group (SPG) BIM for Bridges and Structures Unit Test Support Forum #09

19 June 2024

Agenda

Updates on Unit Test Suite and Design-to-Construction data exchange requirements and methodology

Updates on specific instructions

GitHub and Teams updates

Questions **for** Vendors

Questions **from** Vendors

AOB

General Notes

Meeting is being recorded. Recordings and notes will be made available on the [project Teams site](#)

Any documentation resulting from discussions will be included on GitHub repository Readme.md and/or repository wiki

Speak up. Silence is NOT golden in this case. Active participation helps us all. If you see something, say something. We are flexible to form the optimal process and get the best results. When in doubt, ask. There are no dumb questions.

Meeting Schedule

Back to bi-weekly. Same day of week, same time.

Tentative 2024 Dates & *Tentative SPG 2024 Dates:

~~14 FEB~~

~~28 FEB~~

~~13 MAR~~

~~27 MAR~~

~~10 APR*~~

~~24 APR*~~

~~08 MAY cancelled~~

~~22 MAY~~

~~05 JUN*~~

19 JUN

03 JUL

17 JUL*

31 JUL

14 AUG*

28 AUG

11 SEP

25 SEP*

09 OCT

23 OCT*

06 NOV

20 NOV*

04 DEC

18 DEC*

Unit Test Suite Updates

Unit Test Suite – Continued Work/Challenges

- Coordination with the bSI
 - **Tech Services is aware of our UTS (reviewing)**
 - **Technical Coordination meetings to kick off Phase 2 - TPF-3[523]**
 - IDS, bSDD, Base MVDs, IDM, UCM
 - Almost complete
 - **Est. date of AbV(?)... End of June 2024?!?!?!?**
- Mapping of Data Dictionary items to IFC4.3.2.0
 - **“Version 2.0” – posted to bSDD (testing and revisions underway)**
- Documentation and links based on **Official** version of **IFC4.3.2.0**
https://standards.buildingsmart.org/IFC/RELEASE/IFC4_3/index.html
- Permissible Use letter – Will be made available on the GitHub repo (***pending***)

Test Instructions Updates

TI Updates

1. PDFs for bridges 01-03 finished. Alignment data added to L4 folders. Working on **README.md** files for all, listing requirements per bSI template
2. No further UTS additions unless explicitly called for in GitHub Discussions by vendors.

GitHub / Teams Updates

UTS on GitHub / Teams Updates

- Any further feedback?

Questions for Vendors

Your input is valuable...

bSI base MVD Updates

- Alignment-based Reference View (abRV) -> Alignment-based View (AbV)
 - More than “Reference geometry”
 - Updated documentation – *Let’s take a look...*

IFC4x3 MVD

<https://docs.google.com/spreadsheets/d/1K4apJAJ0Embq811KtjGJIPExN-gr8yIEw1JiXq5W10k/edit#gid=2118705671>

IFC 4.3.2.20240512 (IFC4X3_ADD2) under development

<https://ifc43-docs.standards.buildingsmart.org/IFC/RELEASE/IFC4x3/HTML/concepts/content.html>

bSI base MVD Updates

- Has bSI communicated with you about further AbV development?
- Are there any outstanding issues you see hindering your support?

IDS and bSDD

- IDS is now an official standard!
 - Plans for support in your tools? Which ones?
- Progress on bSDD support?
 - Impact on both Phase 1 and Phase 2 support?
 - Please deliver feedback on the Bridge DD to me directly and I will share with Aaron Coston and the HDR project technical team

Questions from Vendors?

See something, say something...

AOB

Thank you for your time