

63rd General Meeting
15th & 16th of April 2026
Frankfurt, Germany



Wellbore Positioning Technical Section



The Industry Steering Committee on
Wellbore Survey Accuracy (ISCWSA)

Error Model Maintenance Sub-Committee

April 15, 2026

Frankfurt, Germany

Error Model Chair Bio

Marc Willerth

- Still with H&P
- Decades of experience receiving emails



- Send committee-related feedback and questions to Marc.Willerth@hpinc.com
- There is also a web form, but that sometimes gets caught in spam



Meeting Highlights

- In-Person Attendance: ~50 people
- Online Attendance: ~25 people

- Rotating Error Model – Final Tweaks / Approval
- Guidance Document Draft Review
- OSDU Format Discussion



Rotating Error Model Initial Release

- Split out of Depth Shift Compensation term to handle singularities
- Identified legacy issue – error sources that come in implied pairs!

Big Takeaway – Agrees there are no remaining technical limiters to release!!

19	ROT-DSC1	Rotating MWD: Depth Shift Compensation 1	DSC	Singularity when vertical - Coupled with DSC2
19	ROT-DSC2	Rotating MWD: Depth Shift Compensation 2	DSC	Singularity when vertical - Coupled with DSC1



Rotating Error Model Guidance Document

- Target audience is end user of new tool code (e.g. Drilling Engineer)
 - What should they know / be concerned about / plan for in operations
- Draft of document has been distributed
 - Reach out to me (Marc.Willerth@hpinc.com) if you wish to review
 - Will edit within workgroup and do a public release once there's been review
- Identified need: We should have this for other generic models as well!
 - Will be separate effort – important but shouldn't block rotating model release



ISCWSA / OSDU Collaboration

- Github Site - <https://github.com/iscwsa/error-models>
- Schema Proposal from Kyle Rickey
 - Near term: JSON format for communicating existing error models
 - Long term: Way to manage new developments and EM releases
- For near term:
 - Interest parties should review and provide feedback by end of month
 - Error Model / OSDU workgroup plans to release a “Version 1” before Fall meeting



Thank You / Questions!