



Error Model Maintenance

16-Mar-2017, The Hague

45th General Meeting
March 17th, 2017
The Hague, The Netherlands

Wellbore Positioning Technical Section



The Industry Steering Committee on Wellbore
Survey Accuracy (ISCWSA)

Minutes 21-Sep-2016

- Documentation
- Verification Test Cases
- Gyro Model Verification ***
- Inclination Only - Tie Ons
- Effect of Error Correlation on Uncertainty Value
- Geomagnetic Look Up Tables
- Course Length
- Validation Requirements ***
- Hole Misalignments

Agenda

- Minutes of Last Meeting
- Surface Tie-Ons- RP78 ***
- XCL Error Recap - Jerry Codling
- Random Misalignment Error - Jerry Codling
- Inclination Errors at Tie-ons - Jerry Codling ***
- Magnetic Field Reference Errors - BGS Web Services - Jerry Codling
- Surveying While Rotating Error Model - Chad Hanak
- Degraded Azimuth Error Model (Top hole pad drilling) - Chad Hanak
- Geomagnetic Look up Tables - Manoj Nair
- Cross-Axis magnetometer Bias - Benny Poedjono
- Unique Identifiers for Tool Models - RP78 ***

MWD Model

- Tie one
- Seabed depth
- Balanced tangential

Gyro Model Issues

- Surface Tie
- Initialisation
- Mode Change
- Extra Survey Stations