

Session – Performance

Title: Application of Navigation Grade Inertial Navigation Systems to Provide Tighter Station Keeping Capability and to Improve Reliability and Monitoring of Position Reference Systems on MODUs

Author: Bill Gilmour, Chevron

Abstract

Application of Navigation Grade Inertial Navigation Systems to provide tighter Station Keeping Capability and to improve reliability and monitoring of Position Reference Systems on MODUs.

Abstract: Chevron is specifying an INS Centric approach to DP station keeping, that will improve stability of the real time MODU positioning and increase operational uptime in the event of a loss of some or all, of the position reference sensors. The presentation will provide the rationale around this approach and preliminary configuration of the INS/PRS set up. Once deployed, detailed Well Specific Operating Guidelines and improved position reference system monitoring will significantly aid the DPO in any decision-making process and provide a longer uptime operational window.