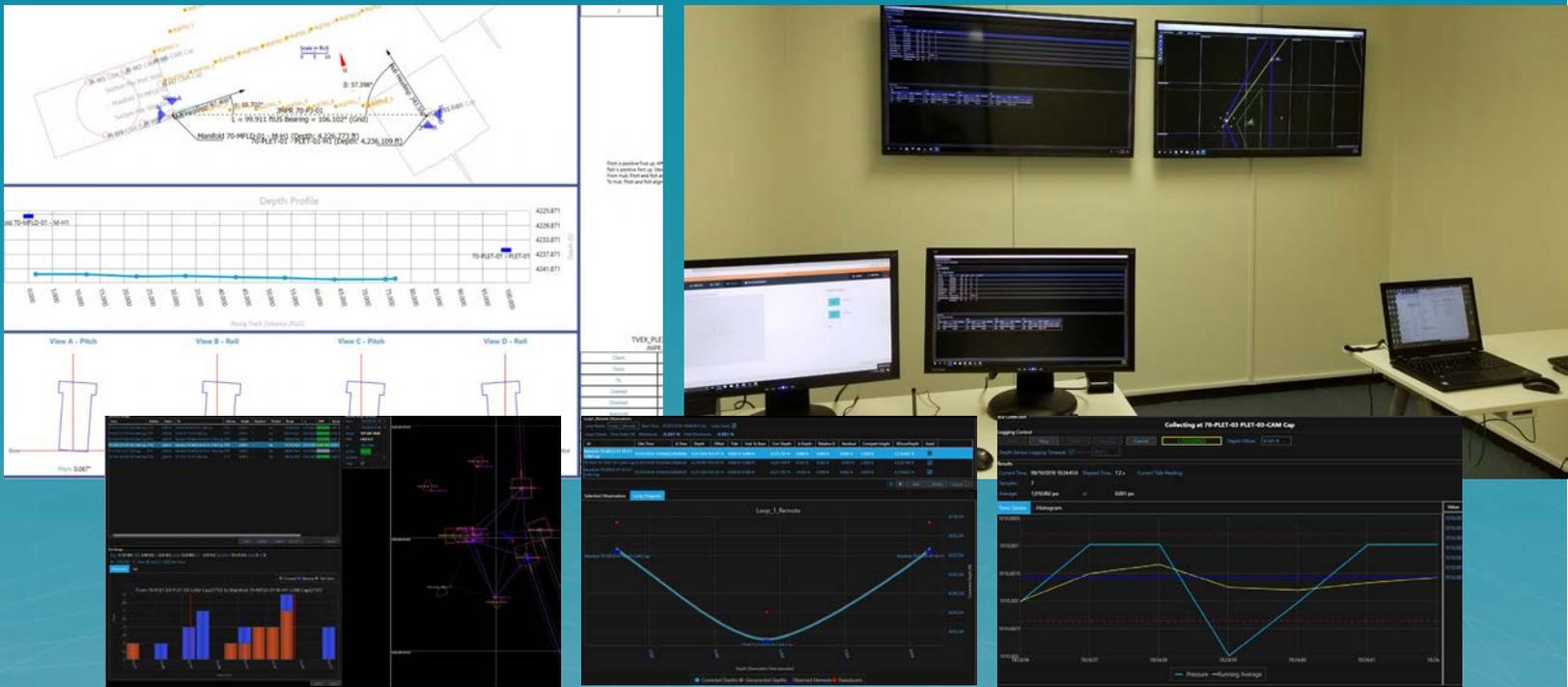


RemoteConnect

4D NAV & I-TECH SERVICES ANNOUNCE: SUCCESSFUL TRIAL OF REMOTE ACOUSTIC METROLOGY

An acoustic jumper metrology was successfully conducted using the Sonardyne Connect software in conjunction with 4D Nav's remote survey system in a joint program between 4D Nav and i-Tech Services. The metrology took place as part of remote survey trials during a Subsea 7 project earlier this year in the Gulf of Mexico.



Acoustic long baseline (LBL) data and pressure sensor data were collected at a network operations center (NOC) onshore in Houston. The direct interface to the Sonardyne 6G transceiver (ROVNAV) enabled by the Connect software allowed full control of LBL data collection as well as logging of pressure sensor data for depth loops. The remote survey system included video and voice which allowed the surveyor onshore to communicate with offshore personnel to direct the operation. Connect's procedure-oriented user interface is well suited to conducting remote metrology operations. It breaks procedures down into tasks and allows local control to continue if communications are interrupted by having a non-LBL surveyor confirm all tasks in a procedure are complete and to move on to the next procedure. Being able to control an LBL operation in this manner combined with suitable written procedures and detailed pop-up diagrams in its user interface opens the door to remote LBL operations.

The experience gained during the trial will be used to develop robust written procedures such that operations can be directed from shore, eliminating mobilization and travel cost and optimizing utilization of specialist personnel.

QUOTE:

John Brader, i-Tech Services Survey Operations Manager, Central and North America, said: *"We are continuously striving to find ways to use technology to increase efficiency and reduce costs of offshore operations while maintaining the quality, security and reliability of service."*