

## Test & Measurement

# Coretrack completes pressure and temperature tests for Core Level Recorder transducer

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**CORETRACK** has announced it has successfully completed a series of pressure and temperature tests on the transducer used in the intermediate telemetry system of its Core Level Recorder (CLR).

According to Coretrack, the transducer has been tested in 25 degree increments from an ambient temperature up to 135 degrees Celsius. At each temperature test point, the transducer was also pressure tested between an ambient pressure and 552 bar.

Coretrack says four parameters were recorded during the temperature and pressure tests. Of these, only one parameter was found to vary outside of tolerable limits, a variance which can easily be overcome by individually tuning the transducers.

According to Coretrack, this tuning process will ensure optimal performance of data transmission from down hole to the rig floor. The company says it will be conducting further tests on the test transducer to ensure repeatability of these results and the viability of the tuning.

Following completion of the current tests, Coretrack is planning to conduct a field test of the intermediate telemetry system at MTH-4 Mt Horner, near Dongara. A 54m long inner core barrel housing the telemetry system will be lowered down a well until it is fully submerged.

The inner barrel will be filled with drilling fluid, including suspended solids. Once fully submerged, the entire transmission up to the mud pulser will then be tested.

Coretrack says it is also in close contact with a number of oil and gas companies and coring contracting companies to schedule a test run in an operating well as soon as possible.

Source: <http://www.testmeasurement.com.au/Article/Coretrack-completes-pressure-and-temperature-tests-for-Core-Level-Recorder-transducer/477535.aspx>

