TTC 30 and TTC 10
Transponder Test and Configuration unit

TTC 30 and TTC 10
The TTC unit is for on deck acoustic testing and configuration of the cNODE® transponders. The TTC can test all KM transponder channels including the latest Cymbal acoustic protocols. It can also test telemetry transponders with internal and external sensors.

Two TTC models are available:
• TTC 30 (Medium frequency)
• TTC 10 (Low frequency)

The TTC units come with:
• 1 x Test Transducer
• 1 x Serial Line Cable
• 1 x Mains Power Cable

The TTC is a touch screen/trackball operated transponder tester set in a splash-proof portable case with carrying handle and shoulder strap. It has an internal rechargeable battery.

Acoustic test
The test transducer is used for acoustic test. The TTC communicates with transponder through the transducer. Acoustic test includes interrogation, read/set transponder parameters and reading internal and external transponder sensors.

Configuration
The serial line cable connects a cNODE transponder to the TTC and is used for transponder configuration such as changing acoustic mode and default channels and SW download.

Power supply
Mains power cable is used to connect the TTC to a standard 115/230 Vac mains supply to recharge the internal battery.

Technical Specification

Common specifications
Weight:.................................19 kg
Degree of Protection:...............IP 54
Case dimensions:..............386 x 488 mm x 185 mm

Electrical details
Input voltage:...100 to 240 Vac (47 to 63 Hz)

Environmental conditions
Operation temperature:....... - 5 to 55 °C
Storage temperature:........- 30 to 70 °C

Batteries
Type of cells:...............Lead/Acid
Battery lifetime:...............3 hours

TTC 30
Operating frequency:.........Medium frequency

TTC 10
Operating frequency:....Low frequency