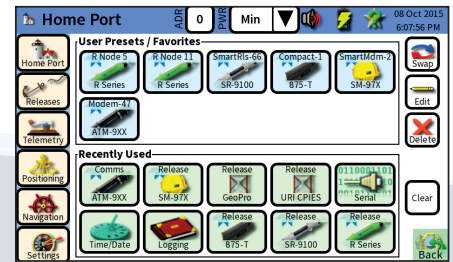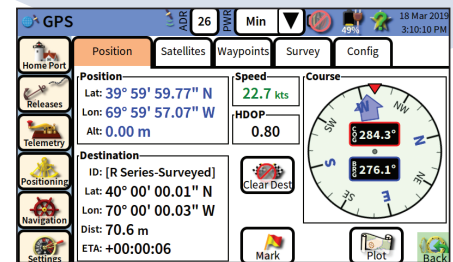# UTS-9500

Universal Topside (UTS)

The UTS-9500 is the result of a focused engineering effort to devise the ideal topside unit for any level of user. From the novice user to the seasoned pro, the UTS delivers a user-friendly interface with powerful, intuitive, communication, command and control features to ensure you remain in control of your operations at all times. This Universal Topside is used to operate all standard acoustic releases and to control and communicate with Teledyne Benthos' full line of acoustic modems and positioning products

The newly redesigned UTS-9500 offers customers a CE marked, enhanced replacement to the UTS-9400 unit. The updated portable topside delivers a highly intuitive and flexible Graphical User Interface (GUI) that removes the need for an additional laptop, something particularly useful for deployments from RHIBs or smaller vessels. The redesigned UTS-9500 is also lighter than its predecessor, adding to the system portability, and includes enhanced corrosion resistance and improved system safety.

Home Port screen provides a convenient launching point to quickly access your previous steps and save up to ten of your most frequently used instruments/commands/controls.

Position tab shows at a glance your current location, speed, and course over ground. The destination panel gives you information about your navigation target when one is set. Useful for navigating to planned drop points or returning to prior locations for recovery.
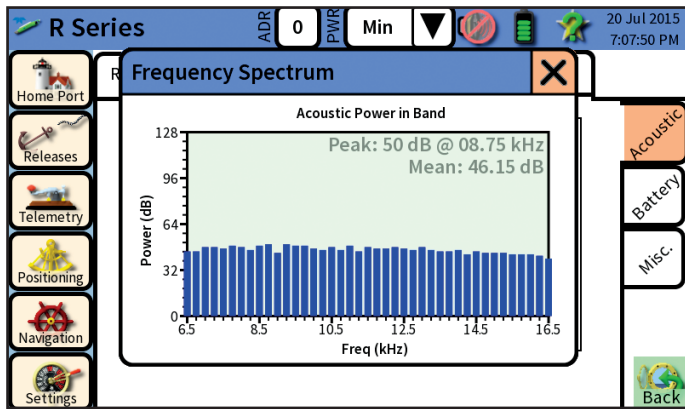
PRODUCT FEATURES

- Full color, touch screen display and intuitive menus to simplify operation
- Advanced ambient acoustic condition analysis to ensure your commands get through in even the most challenging environments
- Ability to log all sent and received commands for post processing of mission operations
- GNSS / Nav upgrade available
- USB and RS-232 ports for data transfer, peripheral access, and serial communications with PC or laptop
- Rechargeable lithium ion battery technology lessens required maintenance cycles
- Speaker for listening to acoustic signals
- Low frequency (LF) dunking transducer and 25 meter cable (standard); up to 200m cable available for deep water applications
- Deck box emulation to command other vendor's products
- CE marked for European users

TELEDYNE MARINE
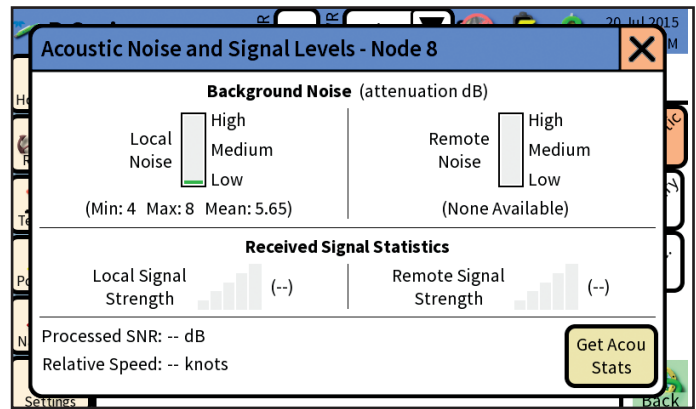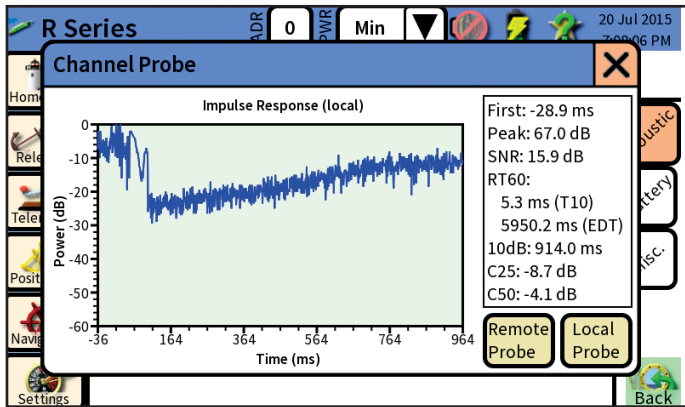BENTHOS
Everywhere**you**look™
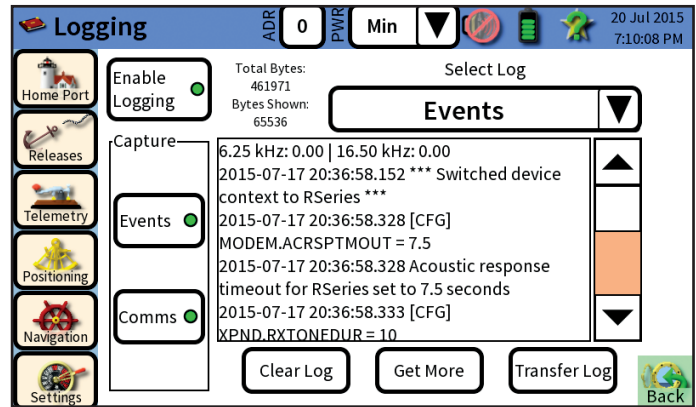
UTS-9500 Universal Topside

Spectral frequency analysis shows ambient noise conditions across the operating band, allowing for better identification of interference sources (e.g., depth sounders, inverters, propellers, etc.)

Advanced acoustic signal and noise analysis ensures you understand your environmental challenges, allowing you to modify your operations to ensure your commands are received.

Channel probe feature identifies multipath issues when communicating with subsea units, as well as detects echoes of topside transmissions that may interfere with communications.

Easily view your history log on the deck unit, showing all sent and received commands. Then offload logged data via USB flash key for post-processing of mission operations and archiving.

TOUCHSCREEN FEATURES Touch screen allows users to easily input, receive and view information such as:

- Real time data from subsea instrument
- Tilt indication of the subsea acoustic release
- Range information from the subsea modem, transponder or acoustic release
- Release commands and release confirmation of acoustic release

- Power sense and battery level monitoring of surface and subsea equipment (when supported)
- Frequency inputs
- Variable power level (source level) selections easily changed by the user

- Variable bit rate selections to optimize data transfer speed and reliability
- Optional GNSS/Nav (supports GPS, GLONASS, Beidou, and Galileo)

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