NewtComm

Advanced Through Water Communications

Nuytco Research's NewtComm series of through water phones is a best-in-class voice communications system. Designed with an advanced digital signal processor the NewtComm delivers powerful, clear and energy efficient comms. The phone provides a robust communications channel through the most challenging under water environments. The NewtComm is standard equipment in Nuytco Research's DeepWorker submersibles and Atmospheric Diving Suits used by international navy groups.



Features:

- Selectable TX power: 50W, 25W, 5W rms
- Signal and Dual frequency versions available
- Standard Freqs.: 8kHz (NATO) & 25kHz USSB
- Communications range of over 10km @ 8kHz
- Efficient class D output amplifiers
- Very low noise receivers
- Sensitive receivers with 102db dynamic range
- Advanced DSP RX & TX voice processing
- Serial port for integrated modem functionality
- Rugged, compact, and portable
- Long battery life, up to 100 hr runtime
- Wide input voltage range

Configurations:

- Portable topside phone
- Rackmount topside phone
- Subsea phone

Applications:

- Surface station for manned submersibles
- Primary comms for manned submersibles
- Backup comms for ADS, diving bells







All specifications subject to change without notice.

Nuytco Research Ltd
216 East Esplanade, North Vancouver
B.C. V7L 1A3 Canada

Phone: **604 980 6262**
Email: **nrl@nuytco.com**
Web: **www.nuytco.com**