

# Submersible TruLink®

Wireless Voice Communications  
(Designed for Maritime Applications)

- Enhance mission safety with clear communication
- Eliminate misinterpreted visual hand signals
- Maximize mission effectiveness in high ambient noise environments



**T**ruLink® Wireless Inter-communication System (ICS) is a military qualified voice intercom system that provides full-duplex conversation among multiple users. The system is adaptive-VOX activated enabling hands-free operation, and is designed to operate in the high ambient engine and wind noise of maritime environments.

To address wireless inter-communication requirements, the USCG has leveraged the capability of the TruLink system currently used in military air and ground operations. The Submersible TruLink Portable Transceiver (SPT) is specified to a 20ft submersion for 20 seconds, and provides crewmembers on Defender Class, RB-M and 47ft MLB watercraft with critical voice communication while performing quick-reaction and high-speed

maneuvering tactics. The SPT enhances mission effectiveness whether conducting security and rescue operations or performing basic maintenance in and around the watercraft. In addition, the SPT enables crewmembers to actively engage in long-range radio communication while simultaneously broadcasting to all crewmembers aboard the vessel. This feature enables missions to be executed in a safe and expedited manner.

### Typical Configuration

TruLink can be used as a stand-alone system or interface to an existing intercommunication system. The stand-alone system enables crewmembers to automatically form a network for wireless voice communications in and around boats using only SPT/Headset

equipment. As an option, watercraft can be equipped with a TruLink Access Point (TAP) to provide the additional capability of communicating through an existing [wired] intercom system and/or working with long-range radios.

### Encryption Options




The USCG Defender Class boats are assigned to guard Maritime Safety and Security Teams, Maritime Security Response Team, Marine Safety Units and small boat stations. An encryption option utilizing NIST certified FIPS 140-2 Level 1, will enhance secure communication. Contact Telephonics for options in addressing higher levels of security requirements.

*Selected for  
USCG 47ft MLB,  
Defender Class,  
and RB-M*

## Submersible TruLink® Wireless Voice Communications

A representative configuration depicting three (3) users wireless communication within the platform intercom system is as follows:



Item	Part Number	Qty	Photo	Notes
Submersible Portable Transceiver (SPT)	ME6464-M1	3		Transceiver enables full-duplex wireless intercommunication. Used by crewmembers with headset.
Speaker/Mic Headset	SOR1312P-S104	3		Headset worn by crewmember. Plug into SPT.
TruLink Access Point (TAP)	780-2000-002	1		Installed on boat and interfaces to long-range wireless radios.

For further information contact:

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