

# SEANET CRANE RADIO SYSTEM



## CRANE RADIO

- Compact Type Crane Radio
- Gooseneck Mic Extension (Customized Installation)
- UHF / VHF / PA Radio
- Footswitch

Specifically developed for the demanding operational environment of oil and gas rigs, the Crane radio has been developed to meet our client's radio communications need. It can be purchased as a stand-alone product or utilized as part of a complete communication solution. The Crane Radio includes the following features.

One UHF radio (for communication within the rig or vessel, offshore platform environment) and one VHF radio (for communication with shipping and vessels) combined in one unit. The unit allows the operator to change between individual radio units or additionally Public Address broadcast; via select switch.

General			Transmitter	
	VHF	UHF		
Frequency Range	136 -174 MHz	403 - 470 MHz	Typical RF Output	Low : 1 - 25W / High : 25 - 45W
Receive Sensitivity	0.25uv 12dB SINAD	0.3uv 12dB SINAD	Modulation	±2.5kHz@ 12.5 kHz / ±4.0kHz@ 20 kHz1
Channel Capacity	1,000		Spurious Emissions	-36 dBm < 1 GHz/-30 dBm > 1 GHz
Channel Spacing	12.5 kHz / 25 kHz		FM Hum and Noise	-40 dB@ 12.5 kHz/-45 dB@ 25 kHz
Operating Voltage	10.8-15.6 VDC, 13.2 VDC Nominal		Audio Distortion	3%
Antenna Impedance	50ohms		CTCSS coding on UHF	Optional
			Audio Output	5 W into internal Speaker