



Marine Radios - A Case Study and Recommendations

RadioTrader is fast becoming a destination for those seeking [marine radios](#), supplying equipment to large and small yachts, ferries and boatyards around the world, from Southampton to Monte Carlo.

Ryan, a long-standing RadioTrader customer, is Chief Officer on a 171.59 foot luxury motor yacht with 5 cabins and room for 10 guests and 13 crew. RadioTrader supplied the yacht with its radio equipment and Ryan has outlined some of the reasons it is so useful on board.

- When the ship is entering or leaving port radios provide an information link between the mooring stations and the Captain as he is manoeuvring the vessel into position. They also provide a link between the Engine room and Wheelhouse with the aid of the "over-the-head headset and noise cancelling boom microphone"

For a similar headset, RadioTrader recommends:

Motorola DP2000, DP3441e, DP3661e Noise Cancelling,
Over-the-Head, Heavy Duty Headset

- During emergency situations and drills, two way radios provide a constant stream of information to the Command team and allow them to issue orders and delegate tasks.
- Marine radios provide general communications between crew on board when coordinating jobs.



Ryan told us, "All crew on board yachts are issued with personal UHF radios. We currently operate on single-channel without guests on board, and multi-channel once we are busy and require less cross-talk. We have 13 crew in total.

- "The Deck and Engineering teams need more robust radios (without a screen that could break), IP67 waterproofing, and a larger antenna for greater range when away from the vessel in tenders (small boats) or ashore.
- "The interior team is more matched to discreet radios that suit their uniforms and do not attract attention from the guests. The interior team will always wear a headset when we have guests on board the vessel to avoid any unwanted noise disturbing the guests. They use a Bluetooth headset and have two units each so one can be constantly on charge.

- "I am also aware of larger yachts requiring repeater units on board to help the communications travel through the steel and aluminium structure of the ship."

For luxury yachts and larger vessels, RadioTrader recommends:

[Radios](#)

Motorola DP3661e Hand Portable

This radio is also IP67 rated and is aesthetically pleasing due to the large, bright LCD display. We would recommend this radio for the captain / command team because of its ability to individually call radios and easily identify who is transmitting. [View this product.](#)

Motorola DP3441e Hand Portable

This radio is basically the Motorola DP3661e without the large, bright LCD display. This unit is small, compact and provides excellent coverage. As this does not feature a screen this unit is slight more sleek and lightweight. [View this product.](#)

Motorola SL4000e / SL4010e

We recommend these radios for the interior team / steward staff. They are not submersible, but they are discreet, lightweight, supplied with a swivel clip or lanyard and not as bulky as other radios. [View this product.](#)

For help selecting, licencing or programming your marine radio equipment, [contact our expert team](#) or browse our range of [recommended radios for sale](#).



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