

Communication: Essential for coordinated cooperation

8.33 kHz

KUERZI
avionics



Whales live in an acoustically dominated environment. Their communications count amongst the most differentiated and loudest in the whole animal kingdom. With their characteristic call, blue whales can even exceed the 170 decibels of a passing jetplane. Blue and finback (razorback) whales sing the deepest tones, which, at 20 Hz, vibrate rather like a seaquake more than sounding like actual tones. Minke whales, on the other hand, communicate with low frequency pulsating sounds of around 100 to 200 Hz.

Because whales can communicate with each other over larger distances only with the help of sound, the specific noises made and sense of hearing are of crucial importance. Sound travels in water 4 to 5 times faster than in air.

Communications systems are becoming more differentiated in aviation too. The future requirements of aviation will be covered by means of narrower channel spacing.

From 2018, all aircraft that wish to operate in European controlled airspace must have 8.33 kHz channel spacing available on their VHF radio equipment.

We will be happy to make you a customized offer.

We offer you the optimal solution for every type of aircraft, based on the VHF radio equipment provided by our suppliers.

Kuerzi Avionics AG
Tel. +4152-376 22 27

Flugplatz
info@kuerzi.com

CH-9506 Lommis
www.kuerzi.com