



Technology For The Marine Sciences

2 August 2019

Guest Speaker, Dr Martin Gutowski, Sales Director at Kongsberg Maritime Singapore, explained the application of radar and sonar technology used in research and conservation of our marine environment to students of the Compassvale Secondary School, Environment Club.

Marine conservation technologies are used to protect endangered and threatened marine organisms and/or habitat. Sonar as one of those technologies, uses sound waves to 'see' in the water.

Short for Sound Navigation and Ranging, Sonar is helpful for exploring and mapping the ocean because sound waves travel farther in the water than do radar and light waves. Sonar is used to develop nautical charts, locate underwater hazards to navigation, search for and map objects on the seafloor such as shipwrecks, and map the seafloor itself.

This session was part of the International SeaKeepers Society, Asia Educational Outreach Programme: Introduction to Marine Science and Conservation programme.

Thanks to Kongsberg Maritime Singapore for giving the students the opportunity to meet an industry expert and to learn how nature has inspired developments of systems that are used to make the underwater world visible.

Special Thanks to our Programme Partners:

Expedition Gallery

Compassvale Secondary School: <https://compassvalesec.moe.edu.sg/>

Kongsberg Maritime Pte. Ltd : www.km.kongsberg.com

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