



Ocean Guardian releases large scale virtual shark net for beaches, resorts and aquaculture

Ocean Guardian, manufacturers of Shark Shield Technology, the world's only scientifically proven and independently tested electrical shark deterrent technology, have announced for commercial sale the new LR1000 Shark Barrier, designed as a replacement for physical exclusion nets, shark nets and drumlines. In 2020, Australia suffered the most shark attack fatalities in 86 years, while statistics published by the NSW Department of Primary Industries (DPI) show that 93% of all animals caught in their shark nets on NSW beaches were bycatch and that 55% of the total catch died. The new LR1000 Shark Barrier has been developed in partnership with Armscor's Institute of Maritime Technology division, Armscor is the acquisition agency for the South African Department of Defence. Using proven Shark Shield Technology, the LR1000 is the result of six years of research, development, and testing, resulting in a scalable solution for beaches, resorts, and aquaculture organisations experiencing financial loss due to shark predation or incursions. Sharks have short-range electrical receptors in their snouts used for finding food. Shark Shield Technology is used to create a powerful three-dimensional electrical field which causes spasms in these sensitive receptors turning sharks away. There are no known harmful effects on sharks or humans. Shore powered, the LR1000 can be installed in sections up to 400 meters in length with multiples of this possible to cover larger areas. The system consists of surface buoys spaced 3 meters apart, on each buoy is a free hanging antenna cable with depth coverage of up to 12 metres. The free hanging antenna provides low resistance to ocean swells, currents, and no resistance or entanglement risk to other sea creatures such as whales, dolphins, turtles, etc. MP Jason Falinski stated, "The Northern Beaches recently voted to remove environmentally damaging shark nets and drumlines, this is long overdue. What is also long overdue is the use of new technology that protects both wildlife, swimmers, surfers and our blue economy. I strongly urge the government and authorities to use the new technology alternatives such as Ocean Guardian's Shark Barrier that do not adversely impact our environment." Lindsay Lyon, CEO of Ocean Guardian says, "We are experiencing enormous global demand for the LR1000 from iconic tourist sites like the Busselton Jetty in Western Australia to private resorts such as Great Stirrup Bay Island in the Bahamas, where we previously sold sixty of our BOAT01's for resort protection. Shark attacks have a significant impact on local economies and tourism, and there is growing environmental demand to remove inhumane and harmful shark mitigation measures such as shark nets and drumlines. We've had exceptional growth in our B2C business during 2020/21 and the new B2B Shark Barrier will provide a transformational growth opportunity for our company." To fund the significant growth presented by the new B2B Shark Barrier the Company has also signed an agreement with VCF Capital Partners to act as corporate advisors to raise up to \$10 million dollars through a private placement and/or an Initial Public Offering (IPO) in 2021/22. "Australia has some of the best beaches in the world, coupled with the rate of developments in coastal towns plus the increasing rate of city dwellers opting for a sea change for better work/life balance driven by COVID, we have more people in the water, resulting in more risk. Ocean Guardian has the technology to implement protection in key tourist areas," said Lindsay.

About Ocean Guardian: Ocean Guardian is the world's leading shark deterrent technology company. Since 2001 the company's Shark Shield Technology has protected tens of thousands of ocean lovers and prevented the unnecessary killing of animals from environmentally fatal shark nets, drumlines and shark culling. Ocean Guardian's Shark Shield Technology is the only scientifically proven electrical shark deterrent supported by peer-reviewed published research, and successful in deterring Great Whites. The technology is so effective government has approved the devices for consumer rebates. Nothing is more effective. www.ocean-guardian.com

About Armscor & IMT: Armscor is the acquisition agency for the South African Department of Defence (DOD). Renowned for its acquisition expertise, Armscor has enhanced and expanded its service offering to the DOD as well as to stakeholders across the African Continent in line with its vision to be the premier defence technology and acquisition service provider for the South African Government and our allies on the African continent and the world. Armscor's Institute for Maritime Technology (IMT) division was established in 1975 and is a multi-disciplinary ISO 9001 2015 division specialising in Techno-military research and development, as well as specialised products and services. IMT provides services to the South African National Defence Force (primarily to the South African Navy), government departments, defence industry, the broader maritime community and other clients as part of its commercial initiatives. World class capabilities are focused in under and above water technology areas.

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