2G Robotics to Launch New Lighting Solution at Oi18

2G Robotics, specialised in underwater laser scanners and imaging solutions for the offshore energies, geosciences and defence industries, will be in London, UK, to launch its newest lighting and imaging solution at Oceanology International 2018 (Stand H300). The show, which runs from 13-15 March, is the world's leading forum connecting ocean technology and marine science communities from across the globe.

The new LED Strobe Panel, named the NOVA, provides ultra-bright and illumination enabling users to capture crisp stills images on even the fastest of AUVs. The system was originally designed for integration with HUGIN AUVs, produced by Kongsberg Maritime, and will now be released to the public for use on a wide variety of AUVs. Kongsberg was integral to the early development stages of the NOVA and has since made an initial purchase of four systems.

The design of the NOVA was based upon the proven 2G RAY, a single underwater LED currently being used for marine research and offshore energy inspections. The NOVA combines 36 custom-oriented LEDs to produce a powerful 450,000 lumen output, making it the brightest lighting solution currently on the market.

Dynamic laser mapping demonstration

Attendees at Oceanology International 2018 will be able to experience the NOVA first-hand at 2G's booth, stand H300. Sean Elmer, 2G account manager & applications engineer, will be presenting on 2G's latest developments and best practices for dynamic laser mapping during Part 2 of the Underwater Imaging & Metrology session taking place in South Gallery Room 5 on Wednesday, 14 March at 13:00 h. Afterwards, visitors and media representatives are invited to attend a small release event on Wednesday, 14 March at 15:00 h at Stand H300 where guests can pose questions, mingle with members of the 2G team including CEO Jason Gillham, and get their hands on coveted NOVA swag.