SHIP HULL INSPECTION SYSTEM

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NAVAL INTELLIGENCE

Ship Hull Damage, Smuggling, Submarines. IMAGING

PROTECT YOUR WATERS BY SEEING AND DIGITALLY RECORDING EVERY SHIP HULL THAT ENTERS AND EXITS YOUR WATERS.

FEATURES

2017| Build in Canada Innovation Program
Pre-Selection Status Awarded

01| MULTIBEAM SONAR

Kongsberg M3 Sonar provides high-resolution and easy to interpret images by combining the rapid refresh rate of multibeam sonar (40Hz) with an image quality comparable to a single-beam imaging sonar.

SONAR PERFORMANCE

Detection of small objects out to 50 meters combined with a 140° field of view allows the operator to see the complete underwater picture in near real-time.

DATA RECORDING

Data recordings automatically sync to the cloud for data archiving and data distribution. Recordings are date and time stamped. Supports operator comments, alerts, and data sharing.

OPERATIONS SOFTWARE

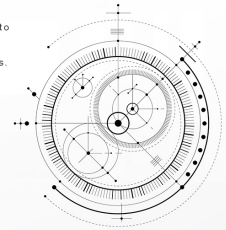
Product comes with proprietary software for command and control, cloud enabled data storage, and data sharing to mobile devices or desktop.

02| DIGITAL OPTICS

Above water digitial cameras used to identify ships and link hull image scans to ship names in archive. Optional ultra-low light underwater digital optics compliment the sonar dataset when water clarity is sufficient.

Custom mounting brackets are manufactured to suit your operational environment. System is suitable for ports, bridges, locks, military and/or commercial choke points.

Digitally image and catalog every ship hull that enters or exits your waters.



System images ship hulls enabling the operator to determine if explosives or contraband (usually narcotics) are attached. Parasitic containers for smuggling narcotics may be secured to bow thrusters, bilge keels or rudder structures. Magnetic mines may be attached anywhere to a steel hull below the waterline. Submarines and remotely operated vehicles can also be detected, imaged, and their data archived.

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