



Kraken to Provide SAS to HII's New Medium Class UUV

ST. JOHN'S, NEWFOUNDLAND, December 19, 2022 /GLOBE NEWSWIRE/ -- Kraken Robotics Inc. (TSX-V: PNG, OTCQB: KRKNF), announces that its AquaPix® Miniature Synthetic Aperture Sonar (MINSAS) System has been selected as the standard payload offering on HII's new REMUS 620 Medium Class UUV. Synthetic Aperture Sonar is quickly becoming the tool of choice for mine countermeasure (MCM) operations due to its significantly increased resolution and higher area coverage rates compared to legacy Side Scan Sonar.

Higher resolution imagery directly correlates to the reduction of false positives by both human operators and Automatic Target Recognition (ATR) software, which through advanced capabilities provided by the collaboration of the REMUS 620 and MINSAS Synthetic Aperture Sonar reduces the number of contacts required to be verified. The result is the potential for a significantly reduced MCM timeline.

Kraken's SAS products have been integrated to HII Unmanned Systems range of small, medium and large AUVs, offering many opportunities to increase the Mine Hunting and MCM Capabilities of many NATO nations.



Figure 1: HII REMUS 620 with Kraken MINSAS 60 Payload

The unique system design of the MINSAS makes it an ideal match for the REMUS 620's modular payload and battery architecture as it can provide both 60 cm and 120 cm array offerings based on the customer's requirements, making room for additional sensor or battery payloads as

needed. Kraken's MINSAS provides out-of-the-box high-resolution, real-time onboard beamforming which supports embedded ATR, enabling smart autonomy features such as dynamic mission re-tasking based on contacts identified.



Figure 2: Kraken MOSAIC taken from HII REMUS with MINSAS 60 (Red arrow indicates location of Fig. 3)



Figure 3: Image of 7-meter Dory and Anchor Scar taken from HII REMUS with MINSAS 60

About AquaPix® MINSAS

Kraken's AquaPix® is an off the shelf, configurable SAS that replaces high end sidescan systems at an affordable price, while delivering higher resolution, range, and area coverage rates (ACR). The increased range, resolution, and therefore higher useable ACR of SAS over traditional Side Scan Sonar systems significantly expand the capabilities of naval, scientific, and commercial applications. Kraken's AquaPix is capable of 2 cm x 2 cm Ultra High-Definition SAS imaging at long ranges. AquaPix is uniquely positioned within the industry to bring this capability to the increasingly popular small, man-portable vehicle class. AquaPix is modular and has been integrated and deployed on over 20 different underwater vehicle platforms from shallow water to full ocean depth. Kraken's SAS is modular and versatile, demonstrated by being one of only two companies in the world that has sold and integrated SAS into small, man portable vehicles,

towed systems, and deep-water vehicles. This ability to cross several platforms enables military customers to streamline their Post Mission Analysis by having the same sonar resolution and ATR performance across their entire fleet of vehicles and mission requirements.

LINKS

www.krakenrobotics.com

SOCIAL MEDIA

LinkedIn www.linkedin.com/company/krakenrobotics

Twitter www.twitter.com/krakenrobotics

Facebook www.facebook.com/krakenroboticsinc

YouTube www.youtube.com/channel/UCEMyaMQnneTelr71HYgrT2A

Instagram www.instagram.com/krakenrobotics

ABOUT KRAKEN ROBOTICS INC.

Kraken Robotics Inc. (TSX.V:PNG) (OTCQB: KRKNF) is a marine technology company dedicated to the production and sale of software-centric sensors, subsea batteries, and underwater robotic systems. The company has offices in North America and Europe. In July 2021, Kraken acquired PanGeo Subsea, a leading services company specializing in high-resolution 3D acoustic imaging solutions for the sub-seabed used to mitigate risk in offshore installations. PanGeo with offices in Canada, the United States and the United Kingdom is now a wholly owned subsidiary of Kraken. Kraken is ranked as a Top 100 marine technology company by Marine Technology Reporter.

Certain information in this news release constitutes forward-looking statements. When used in this news release, the words "may", "would", "could", "will", "intend", "plan", "anticipate", "believe", "seek", "propose", "estimate", "expect", and similar expressions, as they relate to the Company, are intended to identify forward-looking statements. In particular, this news release contains forward-looking statements with respect to, among other things, business objectives, expected growth, results of operations, performance, business projects and opportunities and financial results. These statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking statements. Such statements reflect the Company's current views with respect to future events based on certain material factors and assumptions and are subject to certain risks and uncertainties, including without limitation, changes in market, competition, governmental or regulatory developments, general economic conditions and other factors set out in the Company's public disclosure documents. Many factors could cause the Company's actual results, performance or achievements to vary from those described in this news release, including without limitation those listed above. These factors should not be construed as exhaustive. Should one or more of these risks or uncertainties materialize, or should assumptions underlying forward-looking statements prove incorrect, actual results may vary materially from those described in this news release and such forward-looking statements included in, or incorporated by reference in this news release, should not be unduly relied upon. Such statements speak only as of the date

of this news release. The Company does not intend, and does not assume any obligation, to update these forward-looking statements. The forward-looking statements contained in this news release are expressly qualified by this cautionary statement.

Neither the TSX Venture Exchange Inc. nor its Regulation Services Provide (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release, and the OTCQB has neither approved nor disapproved the contents of this press release.

For further information:

Jack North, Marketing Specialist
jnorth@krakenrobotics.com

Joe MacKay, Chief Financial Officer
(416) 303-0605
jmackay@krakenrobotics.com

Greg Reid, Chief Operating Officer
(416) 818-9822
greid@krakenrobotics.com

Sean Peasgood, Investor Relations
(647) 955-1274
sean@sophiccapital.com