

Klein Marine Systems to Showcase System 4900



Klein Marine Systems will be showcasing its latest advancements in sidescan sonar at the Canadian Hydrographic Conference (CHC) later this month with the System 4900 dual-frequency sidescan sonar. This is a versatile sidescan sonar used for many different survey and recovery applications. The high-fidelity, high-definition imaging abilities and the portability of the System 4900 make it suited for search and recovery (SAR) missions while its range performance, rugged construction and 300m operational depth rating provide capabilities for coastal surveying.

The System 4900 was specifically designed to produce detailed underwater images using advanced sonar technologies. It is commonly used by police, fire, sheriff, Coast Guard, and Naval units throughout the world. The system employs both a user selectable CW

pulse transmission mode and advanced broadband CHIRP signal processing technology which, when coupled with Klein's proprietary de-speckling algorithms, provide extraordinary long-range, high-resolution seafloor images. Image quality is further improved by the System 4900 advanced transducer design which is optimised to provide very narrow horizontal beam widths and thereby exceptional along-track resolution. The combined result of these discriminating features is high-quality image resolution at low-frequency long ranges that is comparable to or better than high-frequency, short-range resolution images of competitive systems.

Klein Marine Systems will be exhibiting at CHC in Booth 36 from 16-19 May 2016.

<https://www.hydro-international.com/content/news/klein-marine-systems-to-showcase-system>
