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Ping DSP Appoints First Authorized Sales Agency: SUBSEA 20/20

3D Sidescan developers team with Pacific Northwest sonar marketing specialists

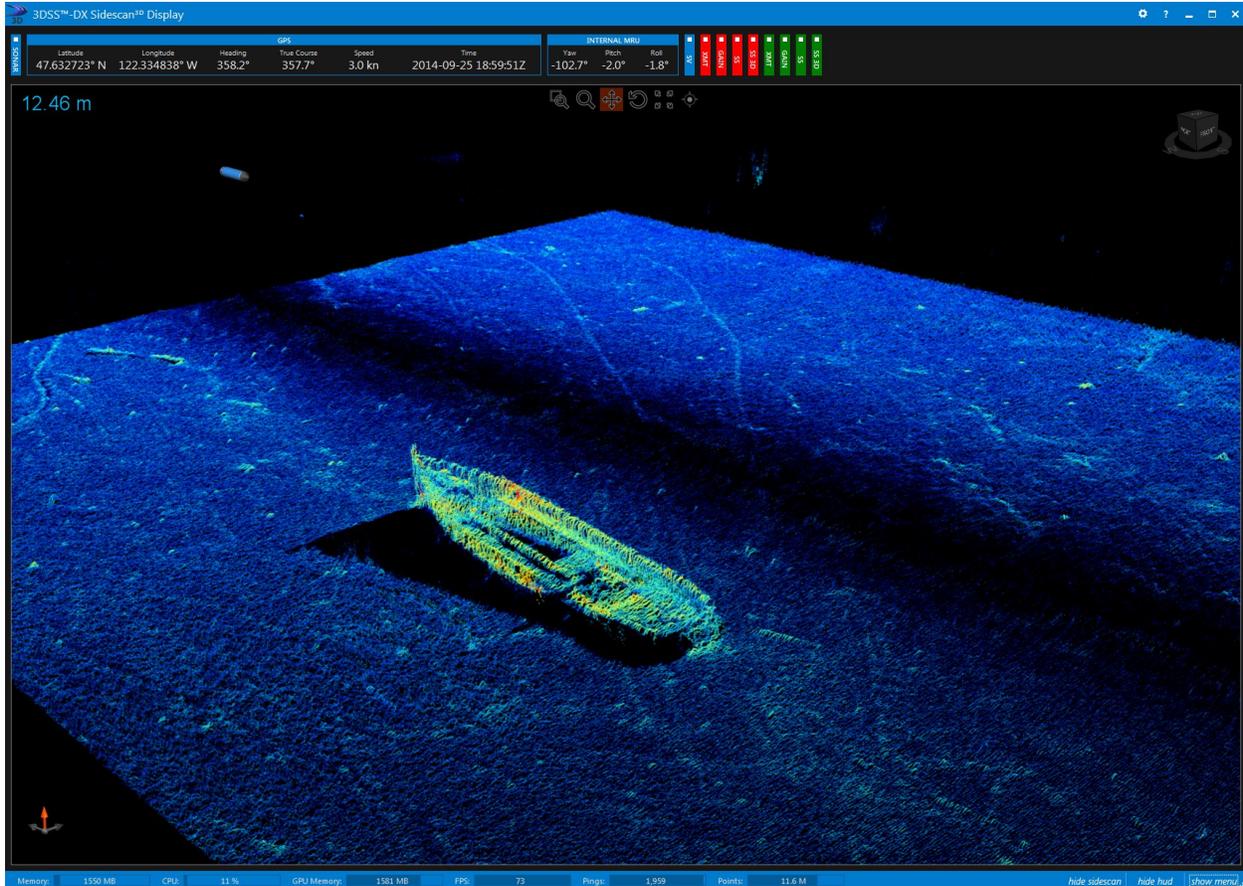
Seattle – Ping DSP has named SUBSEA 20/20, Inc. the first authorized sales agency to represent their new line of 3D Sidescan sonar systems. After several years of research, product development and testing, Ping DSP recently introduced the first true 3D Sidescan. Ping DSP's 3DSS sonar is based on patented Computed Angle-of-Arrival Transient Imaging (CAATI) technology which provides high resolution 3D point cloud images over the entire water-column including the seafloor, complex structures and mid-water targets. Unlike interferometric sidescan which resolves one blended angle-of-arrival at each range sample, CAATI resolves multiple simultaneous angles-of-arrival and separates seafloor returns from sea surface, water-column and multipath interference. The result is true 3D Sidescan and is ideally suited for a wide variety of underwater mapping and imaging applications including shallow water bathymetry, search and recovery, structure inspection, habitat mapping, and water-column target detection.



Ping DSP 3DSS-DX-450 Portable 3D Sidescan Sonar



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3D Sidescan image of J.E. Boyden wreck in Lake Union, Seattle, WA

SUBSEA 20/20 principal, Eric Munday, recently completed technical training at Ping DSP factory headquarters in BC, Canada and, in cooperation with Ping DSP technicians, subsequently conducted field trials in Seattle's Lake Union and Lake Washington. Using a Ping DSP 3DSS-DX-450, the team demonstrated the 3D imaging and bathymetric mapping capabilities of the system and also successfully located and imaged a number of documented shipwrecks in the lakes. "Ping DSP technology extends sidescan sonar resolution to three dimensions and the data set from the trials is amazing. The 3DSS-DX-450 has a cross track field of view over 200 meters in 20 meter deep water. And the 3D imaging capabilities over the full water column are impressive.", stated Munday.

Paul Kraeutner of Ping DSP had this to say about the new relationship, "Eric and his team are a first class organization and we are very excited to be working with Subsea 20/20. From our first meeting, it was clear that Subsea 20/20 was a great fit for us and ever since then we have been more and



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more impressed by their combination of technical knowledge, comprehensive service, and business integrity.”

About SUBSEA 20/20

SUBSEA 2020, Inc. represents manufacturers of specialized equipment and services for underwater exploration. Based in the Pacific Northwest, SUBSEA 20/20 specializes in hydroacoustics and integrated instrument platforms, providing on-water demonstrations, technical support and product training. Staff are experts in government purchasing procedures, international distribution, and OEM/dealer relations (www.subsea2020.com).

About Ping DSP Ping Digital Signal Processing Inc. (Ping DSP) is based in North Saanich, BC, Canada and is the developer of 3DSS, the first true 3D Sidescan sonar product for geometrically correct, high resolution imaging and mapping of the underwater environment. Ping DSP specializes in acoustic array signal processing and excellence in sonar engineering with numerous new sonar technologies invented and incorporated in 3DSS. Some of these technologies include, Ping DSP’s state-of-the-art SoftSonar™ electronics, CAATI signal processing, and the Sidescan3D™ real-time point cloud software technology.

Contact

Paul Kraeutner - Ping DSP, Inc.
paul@pingdsp.com
www.pingdsp.com

Eric Munday – SUBSEA 20/20, Inc.
eric@subsea2020.com
www.subsea2020.com