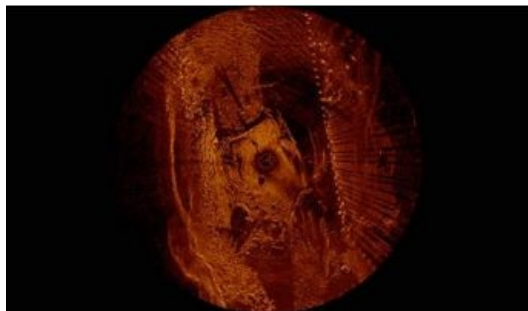


Ultra High-resolution Sonar Head



Kongsberg Mesotech Ltd., the Canadian subsidiary of Kongsberg Maritime, has released the 1171 Series multi-frequency high-resolution fan/cone sonar head. The scanning sonar head is intended for applications where data and image clarity supersede any other requirement, including underwater construction support, site clearance and bridge and pier inspection.

The sonar head supports multi-frequency operation on both the fan and cone transducers. The operating frequency of the cone transducer can be selected by choosing one of four different 'pre-set' frequencies (675/900/1200/1300kHz). The operating frequency of the fan

transducer can be selected by choosing one of three different 'pre-set' frequencies (900/1000/1100kHz) or by choosing 'tunable' mode where the frequency can be changed in 5kHz increments. Increasing the frequency will result in narrower beams and sharper data.

Kongsberg Mesotech Ltd. has also released a new version of the MS 1000 processing software (Version 5.23), supporting all multi-frequency sonar heads with selectable and tuneable frequencies, and is required to access the features of the new multi-frequency high-resolution sonar head. Software updates can be downloaded directly from the Kongsberg Mesotech Ltd ftp site.

<https://www.hydro-international.com/content/news/ultra-high-resolution-sonar-head>
