

Deep Sea Survey and Mapping with the Teledyne Gavia SeaRaptor AUV

Deep Sea Survey and Mapping - The SEARAPTOR™ is a survey grade deep water autonomous underwater vehicle (AUV) designed to operate at abyssal depths. A wide range of sensors allow the SeaRaptor™ to complete several types of missions including: broad area search with side-scan sonar, hydrographic survey with multibeam and sub bottom profiler, and high resolution inspection survey with camera and acoustic sonar. These surveys support a variety of applications, such as search and recovery, salvage, exploration, construction support, marine archaeology, and oceanography. The video shows the main system components and sensors as well as the launch and recovery system. General mapping and search and recovery applications are depicted.

<https://www.hydro-international.com/content/article/deep-sea-survey-and-mapping-with-the-teledyne-gavia-searaptor-auv>
