HYPACK® Marine Search

MAKING YOUR SEARCH A MORE EFFICIENT AND ACCURATE PROCESS
HYPACK® Marine Search

The HYPACK® MARINE SEARCH software provides all the tools needed for your side scan operation. It's designed to decrease your search time and better prepare divers for recovery operations. The easy-to-use software will help locate your target and ensure the area is cleared during the search. The software will track and display the position of the vessel and create a side scan mosaic of the seabed. The real-time display provides the needed information to the search team to quickly assess the site and to make an informed decision for dive operations. Users can download the latest Electronic Navigation Charts from NOAA and the USACE for use as a background display. No need to be an expert on hydrography to use the software; the setup is simple, operation is just a few clicks, and the creation of final products can be done while in the field.

Key Features

• Real Time display of the search area provides feedback to the search team to ensure that the entire area has been covered.

• Allows the search team to mark and analyze targets of interest without interrupting the search progress. The coordinates of the targets can be relayed to the dive team if a target of interest is identified.

• All search data is stored to allow post-mission analysis of the search to assist in reporting and improve search operations.

• Creates a safe environment by allowing the dive team to have better situational awareness when viewing the mapped side scan data.

Benefits

• Integration with a wide variety of side scan systems
• Quick set up for survey operations
• Individualized incident projects
• Export data to GeoTiff and Bitmap images, easy to import for reports
• Real-time mosaicking of sonar data, overlaid on background charts
• Provides safety for divers
The real-time map of side scan data allows the operator to ensure that the desired search area is adequately covered.

Utilizing the recorded search data, a post-search analysis allows the team to better investigate targets of interest and plan for future operations.

**HPACK® Marine Search Specifications**

<table>
<thead>
<tr>
<th>Position on Main Vessel</th>
<th>GPS NMEA 0183</th>
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</thead>
<tbody>
<tr>
<td>Position on Side scan When Towed (optional)</td>
<td>Use of Towfish driver to compute position for side scan</td>
</tr>
<tr>
<td>Sidescan Systems Supported</td>
<td>Benthos, C-Max CM2, Edgetech, GeoAcoustic, Imagenex, Innomar, Klein, Kongsberg PulSAR, Marine Sonic ARC Explorer and HDS, SonarTech, Tritech Starfish and any Analog sonar with an A/D box</td>
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<tr>
<td>Operating System for PC</td>
<td>Windows 7, 8, 10</td>
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HYPACK – A Xylem brand has been a world leader in software development for the hydrographic and dredging industry since 1984. Our software is one of the most widely used hydrographic software packages in the world, with more 10,000 users in over 140 countries.

Our commitment to the industry and partnership with manufacturers allows us to provide a solution for all your surveying needs; from a simple area to the most complex project, our software solution can help with the project. Our mission is not just to provide the tools needed for surveying applications, but to educated and train folks that need to do survey work.

HYPACK® Marine Search Software

- Real time display of side scan
- Target analysis and location
- Post search analysis
- USNG support
- Technical support when you need it