

Xylem Hydrosurveying



HYPACK
a xylem brand



www.hoskin.ca

Supplying Testing & Monitoring Instruments Since 1946

SONTEK HYDROSURVEYOR SOFTWARE AND HYDROGRAPHIC SURVEYING ADCP

Flexible and Fast

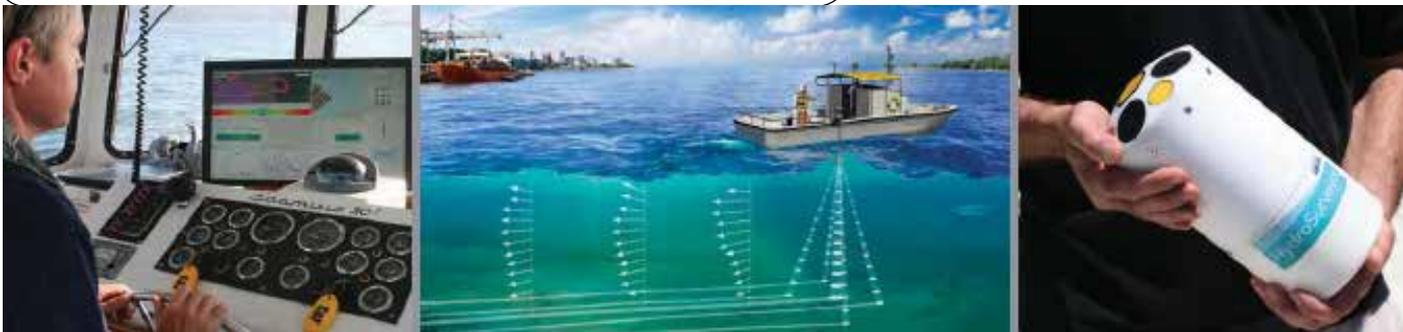
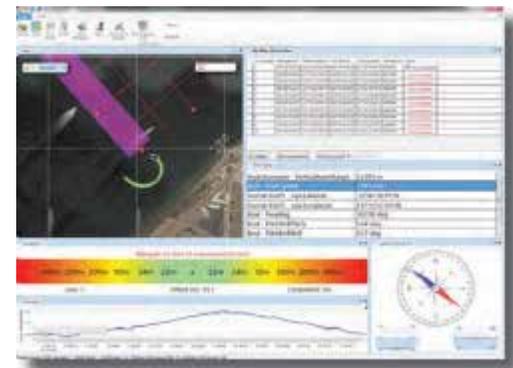
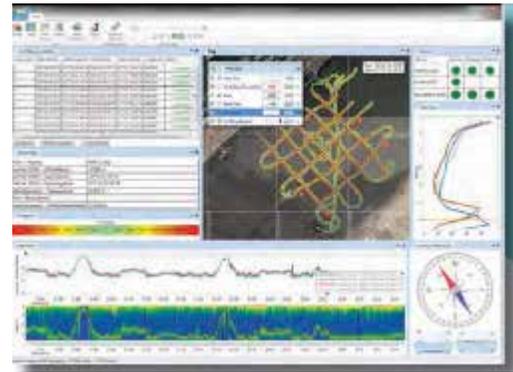
Water sound speed corrections are interpolated in both space and time with the fully integrated CastAway-CTD, delivering agility and accuracy to your surveys.

All Inclusive

Full water column velocity mapping, exclusive 5-beam depth sounding and acoustic bottom tracking (for speed over ground when GPS is lost) provide comprehensive data for a complete solution within a single package.

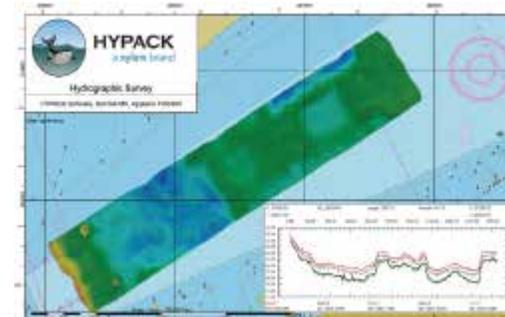
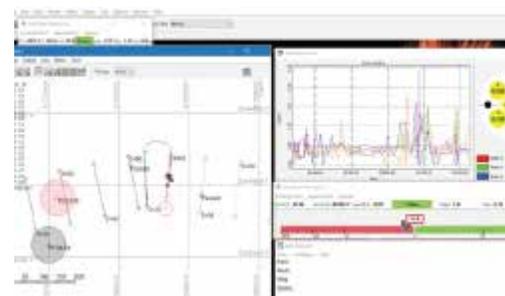
Software Centric

With built-in automatic data gridding and interpolation, even intricate surveys won't require specialized complex software, saving you time and money.



HYPACK® FOR HYDROGRAPHIC SURVEYING

HYPACK® is the most widely used hydrographic software package in the world. It provides all of the tools necessary to complete your hydrographic, side scan sub bottom and magnetometer survey requirements. With over 10,000 users around the world, HYPACK® provides you with the tools necessary to meet almost any hydrographic survey requirement. It provides tools to design your survey, collect your data, apply corrections to soundings, remove outliers, plot field sheets, export data to CAD, compute volume quantities, generate contours, create side scan mosaics and create/modify electronic charts.



HYPACK® MAX

It has everything you need to design your survey, collect your single beam data, process it and generate final products, such as contours, plotting sheets, output for CAD, fly-through views, cross sections and volumes calculations.

HYSWEEP®

This is the module for the collection and processing of multibeam, backscatter, LIDAR, water column data. HYSWEEP® requires a HYPACK license.



CASTAWAY®-CTD

The first handheld castable instrument that provides instantaneous profiles of temperature, salinity, and sound speed

Designed for coastal profiling, the CastAway-CTD® incorporates a 6-electrode conductivity cell, coupled with a fast response thermistor to provide highly accurate, high resolution CTD measurements to depths of 100 m. Now Integrated with HYPACK!

The CastAway-CTD is a small, rugged and technically advanced CTD designed for profiling to depths of up to 100m. The system incorporates modern technical features which allow it to achieve a 5 Hz response time, fine spatial resolution and high accuracy. It uses a six electrode flow-through conductivity cell with zero external field coupled with a rapid response thermistor to attain high measurement accuracies. The instrument is simple to deploy, does not require a pump and is hydrodynamically designed to free fall rate of 1 m/s.



Hoskin Scientific Limited has been supplying testing and monitoring instruments since 1946. Although our range is broad, we focus on three major markets including:

Geotechnical & Materials Testing
Environmental Monitoring
Test & Measurement Instrumentation

Hoskin Scientific operates out of three offices within Canada:

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