

License Description

HYPACK® MAX: Our standard package. 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. The sidescan sonar, sub-bottom, adcp and magnetometer collection and processing modules are standard features of HYPACK® MAX. You'll need to add a HYSWEEP® license to include the modules for multibeam data collection and processing.

HYPACK® LITE: This is our single beam package designed for users who will perform their final product work in a CAD-GIS package. It contains all of the programs necessary to design your survey and collect the data, then process and export it to DXF/DGN for import into your CADGIS package.

HYPACK® SURVEY: This package allows you to outfit additional survey vessels at a lower cost. It contains the programs for survey design and single beam data collection. It does not include the programs for editing the data or for generating final products. You will still need a HYPACK® MAX, HYPACK® LITE or HYPACK® OFFICE license to process your data.

HYPACK® OFFICE: This is the 'office' version of HYPACK® MAX. It allows you to perform all of the features of HYPACK® package with the exception of the data collection. You can use it to set up additional processing stations in your office or for supervising the processing of your survey data.

HYPACK® SUBBOTTOM: This is a standalone package for sub-bottom acquisition and processing only. It includes survey planning through final products. .

HYPACK® ACOUSTIC: This package allows users to process data from side scans, sub-bottoms and acoustic doppler current profilers collected in HYPACK® or data collected by the manufacturer's software. It does not include for data collection.

HYPACK® ULTRALITE: is our basic and reduced single beam software package designed for non hydro applications. It's mainly focused on smaller land surveying and environmental consultancies, mining companies and military reconnaissance teams.

HYSWEEP®: This is the module for the collection and processing of multibeam, backscatter, LIDAR, water column data. HYSWEEP® requires a HYPACK license (above). As your agency moves from single beam to multibeam surveying, you can just upgrade your package to multibeam by purchasing a HYSWEEP® license.

HYSWEEP® OFFICE: This package contains the multibeam modules that relate to processing of the multibeam, backscatter, LIDAR data and water column. The package is intended for office use.

HYPACK® MAX and HYSWEEP®: Everything you need to be able to design your survey, collect data (both single beam and multibeam), process it, and generate final products.

HYPACK® SURVEY and HYSWEEP® MAX: The recommended combination when outfitting a new multibeam survey boat. You would be transferring the data to another location for processing.

HYPACK® OFFICE & HYSWEEP® OFFICE: This combination is recommended for your office and allows you to process both single beam and multibeam data all of the way to the final products.

DREDGEPACK®: A specially modified HYPACK® SURVEY package used onboard dredges to improve efficiency and to visualize the digging process. This is not a package for hydrographic surveying.

HYPACK® MARINE SEARCH: The recommended package for search and recovery applications. It allows for navigation, real-time mosaicking and targeting of side scan data from almost all side scan sonars. The Survey program reads input from GPS (NMEA via RS-232 or network) and side scan sonars (USB and network). It also includes HYSCAN for side scan processing.

ENCedit: ENCEdit is part of HYPACK®. It is designed to allow users to modify existing S-57 charts by adding, moving, deleting, and re-attributing chart objects.

	HYPACK® ULTRALITE	HYPACK® ACOUSTIC	HYPACK® SURVEY	HYPACK® LITE	HYPACK® OFFICE	HYPACK® SUBBOTTOM	HYPACK® MAX	HYSWEEP®	HYSWEEP® OFFICE	HYPACK® MAX & HYSWEEP®	HYPACK® SURVEY & HYSWEEP®	HYPACK® OFFICE & HYSWEEP® OFFICE	DREDGEPACK®	HYPACK® MARINE SEARCH
HYPACK® SHELL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GEODETIC UTILITIES	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	○
LINE PLANNING AND PREPARATION EDITORS	✓	○	✓	✓	✓	✓	✓	○	○	✓	✓	✓	✓	✓
CHANNEL DESIGN	○	○	✓	✓	✓	○	✓	○	○	✓	✓	✓	✓	○
SURVEY	✓	○	✓	✓	○	✓	✓	○	○	✓	✓	○	○	✓
NAVIGATION & VESSEL POSITIONING	✓	○	✓	✓	○	✓	✓	○	○	✓	✓	○	✓	✓
REMOTE VIEWER	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	✓	✓
AIS SUPPORT	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	✓	○
TIDE & SOUND VELOCITY CORRECTIONS	✓	○	✓	✓	✓	○	✓	○	○	✓	✓	✓	✓	○
SINGLE BEAM EDITOR	✓	○	○	✓	✓	○	✓	○	○	○	○	○	○	○
SOUNDING SELECTION	○	○	○	✓	✓	○	✓	○	○	○	○	○	○	○
EXPORT PROGRAM	✓	○	○	✓	✓	○	✓	○	○	✓	○	✓	✓	○
HYPLOT	○	✓	○	○	✓	✓	✓	○	○	○	○	✓	✓	○
CROSS SECTIONS & VOLUMES	○	○	○	○	✓	✓	✓	○	○	✓	○	✓	○	○
TIN MODEL (32 & 64 bit)	○	○	○	○	✓	○	✓	○	○	✓	○	✓	✓	○
CLOUD (32 & 64 bit)	○	○	○	○	✓	○	✓	○	○	✓	✓	✓	○	○
3D TERRAIN VIEWER	○	○	○	○	✓	○	✓	○	○	✓	○	✓	✓	○
MAGNETOMETER & ADCP COLLECTION	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	○	○
MAGNETOMETER EDITOR	○	○	○	✓	✓	○	✓	○	○	✓	○	✓	○	○
ADCP EDITOR	○	✓	○	✓	✓	○	✓	○	○	✓	○	✓	○	○
SS COLLECTION/SS REAL TIME MOSAIC	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	○	✓
SSS MOSAIC & TARGETING	○	✓	○	○	✓	○	✓	○	○	✓	○	✓	○	✓
GEOCODER (32 & 64 bit)	○	✓	○	○	✓	○	✓	✓	✓	✓	✓	✓	○	○
SUBBOTTOM COLLECTION	○	○	✓	✓	○	✓	✓	○	○	✓	✓	○	○	○
SUBBOTTOM PROCESSING	○	✓	○	○	✓	✓	✓	○	○	✓	○	✓	○	○
MULTIBEAM AND LIDAR COLLECTION	○	○	○	○	○	○	○	✓	○	✓	✓	○	○	○
MULTIBEAM AND LIDAR PROCESSING	○	○	○	○	○	○	○	✓	✓	✓	✓	✓	○	○
MULTIBEAM CALIBRATION (PATCH TEST) PERFORMANCE TEST	○	○	○	○	○	○	○	✓	✓	✓	✓	✓	○	○
REALTIME POINT CLOUD	○	○	○	○	○	○	○	✓	○	✓	✓	○	○	○
WATER COLUMN COLLECTION	○	○	○	○	○	○	○	✓	○	✓	✓	○	○	○
WATER COLUMN PROCESSING & PLAYBACK	○	○	○	○	○	○	○	✓	✓	✓	✓	○	○	○
ROV AND AUV SUPPORT	○	○	○	○	○	○	○	✓	✓	✓	✓	✓	○	○
ANCHOR AND TUG MANAGEMENT	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	○	○
ENC EDITOR	○	○	✓	✓	○	○	✓	○	○	✓	✓	○	○	○
DATA CONVERTER-FOR 3 rd PARTY FILES	○	✓	○	○	✓	○	✓	✓	✓	✓	✓	○	○	○
MULTI LANGUAGE SUPPORT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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