HYDROGRAPHIC INFORMATION SYSTEM (HIS)



3 major stages in hydrographic survey :

1. Survey 2. Data processing 3. Data management (ніs)

HYDROGRAPHIOTILS REASING STEM (HIS)



1. Survey areas management

2. Raw survey data storage and access

3. Seamless database for hydrographic information.

4. Data queries for viewing and downloading.

5. Data backups.

6. WMS services.

HIS is accessible over web in both restricted and public versions.

http://195.80.112.238:8080/HIS/Avalik?REQUEST=Main















HYDROGRAPHIC INFORMATION SYSTEM (HIS) Fairsheet generation :

Special spatial query type intended for extraction of depths and other hydrographic data as "fairsheets".

Area can be defined the same way as for any spatial query.

Process finds survey areas inside defined area, depths and objects related to those survey areas taking into account their overlapping, survey time and quality.

Then generates contours (if asked) at defineable intervals, suppresses depths according to selected scale, adds objects (and metaobjects if needed) and creates output.

Outputs can be in lat/long (wgs84) or L-Est1997 (EPSG 3301) coordinate system, in XYZ, DXF or DAF format.

Used for creating charts, fairways planning, dredging planning etc.







