ONLINE INTRODUCTION TO HYDROGRAPHY

Target group
This course is intended for people who received no formal hydrographic training but who do work, or want to work in this field.

The course provides inter alia a thorough basic knowledge for functionaries who frequently work with hydrographic recording and processing software and/or functionaries who frequently work together with hydrographers.

The course is not only intended for the operational staff but can also provide the management team with valuable insights into the subject matter.

Preliminary training
No special preliminary training required.

Contents
This course deals with the currently used hydrografic survey methods and measurement principles. The proper terminology will of course not be avoided. All subjects are handled in such a way that sufficient basic knowledge is dealt with. The course is supported by video in which the students will be introduced to surveying in general, positioning, multi beam, sensors (giro), software, dataprocessing.

Hydrographic Projects
  Introduction
  Hydrographic data cycle
  Project aim and needs
  Survey requirements
  Survey Design
  Geodesy and tides
  Positioning systems
  Velocity measurement

Hydrographic Systems
  Bathymetric systems
  Imaging and object detection
  Water movement
  Seismic and geotechnics
  Hydrographic data cycle
  Data Acquisition
  Data Processing
  Charting and reporting
  Data management

Duration
5 instructor-led online lessons of four hours (using Microsoft Teams)

Price
€ 750 per person, including lecture material and handouts. Excluding VAT if applicable.

Completion
Certificate of attendance