

# Hydrographic Workshop



Copenhagen, Denmark 22-23. February 2024

## High-end hydrography

**Presentations – Tutorials – Discussions – Challenges**

**Are you “smart” when planning, executing, processing and managing your hydrographic data and projects?**

### Hydrographer/Survey Manager - do you ever ask yourself:

When selecting a hydrographic software system:

What should I be looking out for – What is important - and what is BS?

When planning your multibeam survey  
- Full usage of the software:

What is the impact of line spacing, swath coverage, beamwidth, number of footprints etc...?  
What is in that bloody survey spec...?  
How to control and monitor the data quality....?

When mobilizing for the survey:

What peripheral equipment and configuring?  
What about the RTK base station/network?  
Are there more simple and intelligent solutions to your INS and position requirements?

When acquiring your data:

What situations to avoid and what data to ensure?

When processing your data:

What tools are available?  
What are the most simple, intelligent, and reliable methods?  
How to use and trust cleaning algorithms?

When having a philosophical moment:

What to expect of the software in the future?

- New developments
- Future ideas

## Agenda – Day 1 (Thursday 22<sup>nd</sup> February 2024)

0900 – 0945	Registration, practical remarks, and Welcome Jesper Højdal ( <a href="#">HydroCharting ApS</a> )
0945 – 1000	Detailed introduction to the event (day 1 and day 2)
1000 – 1230	Presentations by the supporting manufacturers: 1) Frans Nijsen and Diego Munoz Rosales ( <a href="#">QPS</a> ) 2) Christophe Nicolopoulos / Célya Messaoudi ( <a href="#">SBG Systems</a> )
1230 – 1330	Lunch
1330 – 1345	Handling the software licenses Sylwia Højdal ( <a href="#">HydroCharting ApS</a> )
1345 – 1500	Survey planning and spec considerations Rasmus Andersen ( <a href="#">HydroCharting ApS</a> )
1500 – 1515	Coffee break
1515 – 1645	Introduction to MBES processing 1) Diego Munoz Rosales ( <a href="#">QPS</a> ) 2) Rasmus Andersen ( <a href="#">HydroCharting ApS</a> )
1645 – 1700	Closing remarks (audience/presenters)

Informal dinner at **Best Western Plus Park Globetrotter Copenhagen Airport**

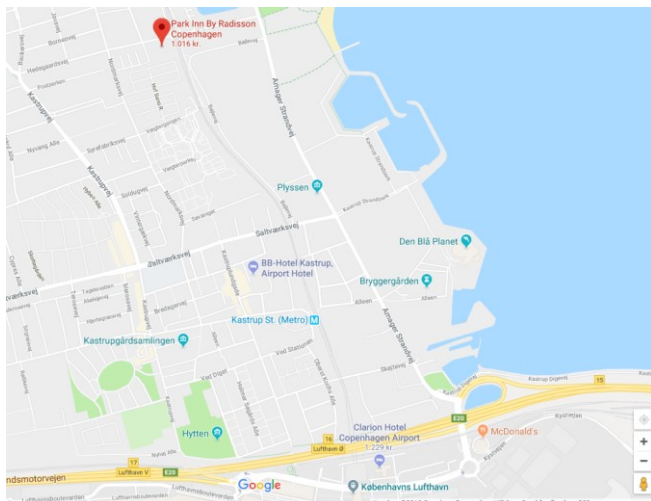
Date: 22<sup>nd</sup> February 2024      Time: 19:00

Contact Sylwia for registration – Mail: [sth@hydrocharting.com](mailto:sth@hydrocharting.com)

## Agenda – Day 2 (Friday 23<sup>rd</sup> February 2024)

- 0900 – 0930 Introduction to “day 2” by [Jesper Højdal](#)
- 0930 – 1130 Qinertia – the smart solution  
Christophe Nicolopoulos / Célya Messaoudi ([SBG Systems](#))
- 1130-1230 SBET usage in hydrography - a real example  
1) Christophe Nicolopoulos / Célya Messaoudi ([SBG Systems](#))  
2) Rasmus Andersen ([HydroCharting ApS](#))
- 1230 – 1330 [Lunch](#)
- 1330 – 1515 Processing made easy (cube, splining, and stuff) – From raw uncorrected to cleaned purpose-prepared data  
1) Diego Munoz Rosales ([QPS](#))  
2) Rasmus Andersen ([HydroCharting ApS](#))
- 1515 – 1530 [Coffee break](#)
- 1530 – 1615 Hardware presentation and discussion  
Christophe Nicolopoulos / Célya Messaoudi ([SBG Systems](#))
- 1615 – 1645 Hydrographic processing –  
The present vs. the future in hydrographic software?  
1) Diego Munoz Rosales ([QPS](#))  
2) Christophe Nicolopoulos / Célya Messaoudi ([SBG Systems](#))  
3) Jesper Højdal ([HydroCharting ApS](#))
- 1645 – 1700 Closing remarks (audience/presenters)

## Location:



### Best Western Plus Park Globetrotter Copenhagen Airport

Notice – name change from “Park Inn by Radisson  
– Copenhagen Airport” – Still the same location!

Engvej 171, 2300 København

Mail: [hotel.copenhagen@parkcity.dk](mailto:hotel.copenhagen@parkcity.dk)

Phone: +45 80 82 01 26

For a special HydroCharting workshop discount  
use this number when booking rooms: 1199240

## Contact HydroCharting ApS

Rugvænget 21D, 2630 Taastrup Denmark

Phone: +45 43 47 43 01

Mail: [info@hydrocharting.com](mailto:info@hydrocharting.com)

[www.hydrocharting.com](http://www.hydrocharting.com)

**Payment (covering refreshments and lunch on both days): 1.500 DKK (or 200 EUR)**

to Bank: Arbejdernes Landsbank - Reg. no.:5368 / Account no.:0244579 IBAN no.:  
DK3953680000244579 - SWIFT code: ALBADKKK

For Danish clients MobilePay is possible: Phone: +45 22 92 15 81