

Q 3D Survey

NEWSLETTER

With **MBES & Laser Scanning** COURSE

QINSy with Laser Scanning

Lidar system is a fully integrated high speed laser scanner, differential GPS system and FOG laser based INS for Land and Marine applications. The system is light weight, highly portable and may be used on land vehicles or marine vessels to acquire 3D survey quality data of:

- + topography,
- + urban developments,
- + industrial plants,
- + overhead utility cables,
- + bridges, dams, harbors,
- + slope monitoring,
- + Earth moving
- + volumetric surveys
- + beaches, rivers canal banks.
- + Lidar Infill
- + Rig Deformation

QPS US has been cooperating with MDL US since late 2008. MDL has developed the Dynascan, a portable mobile laser scanner based on the MDL LaserAce scanner. By combining all sensors in a single pod it becomes a far simpler task to mobilize and use the device. The Dynascan is bundled with QINSy as the acquisition and Qcloud as the 3D viewing and editing tool. The single pod concept ensures all offsets are properly identified and setup in the software. The units are completely preconfigured with QINSy including all calibration values. The standard version of the Dynascan has a single laser head rotating 360 degrees in a vertical plane. A dual-headed Dynascan is also available where both heads are rotated 45 degrees outwards and also tilted forward 45 degrees.

As QINSy can simultaneously read the above water laser data and combine it with multibeam data the complete 3D picture can be created on the fly in one acquisition run. QINSy's on-the-fly DTM generation allows to see the end results immediately.

The course intended to share the latest technologies with hands on to fully understand the concept of 3D Surveying. During the course participant get to expose from whole to the part as project preparation, acquisition, processing and end product. This also will include 3D Visualization by Fledermaus.

For more detail log on to :
<http://www.qps.nl/pages/viewpage.action?pageId=1179838>

For more information

Course content precisely on QINSy including Qcloud, Fledermaus and Laser Scanning

Date : 12/02/12 ~ 16/02/12

Venue : Royal Selangor Yacht Club, Port Klang

Time : 9.00am—5.00pm

www.kertau-safa.com

Fees:

Please contact **SAFA GEOSCIENCE** at safa-info@kertau-safa.com or call +6 013 649 1912 for further enquires We have limited space, early booking is advised.

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