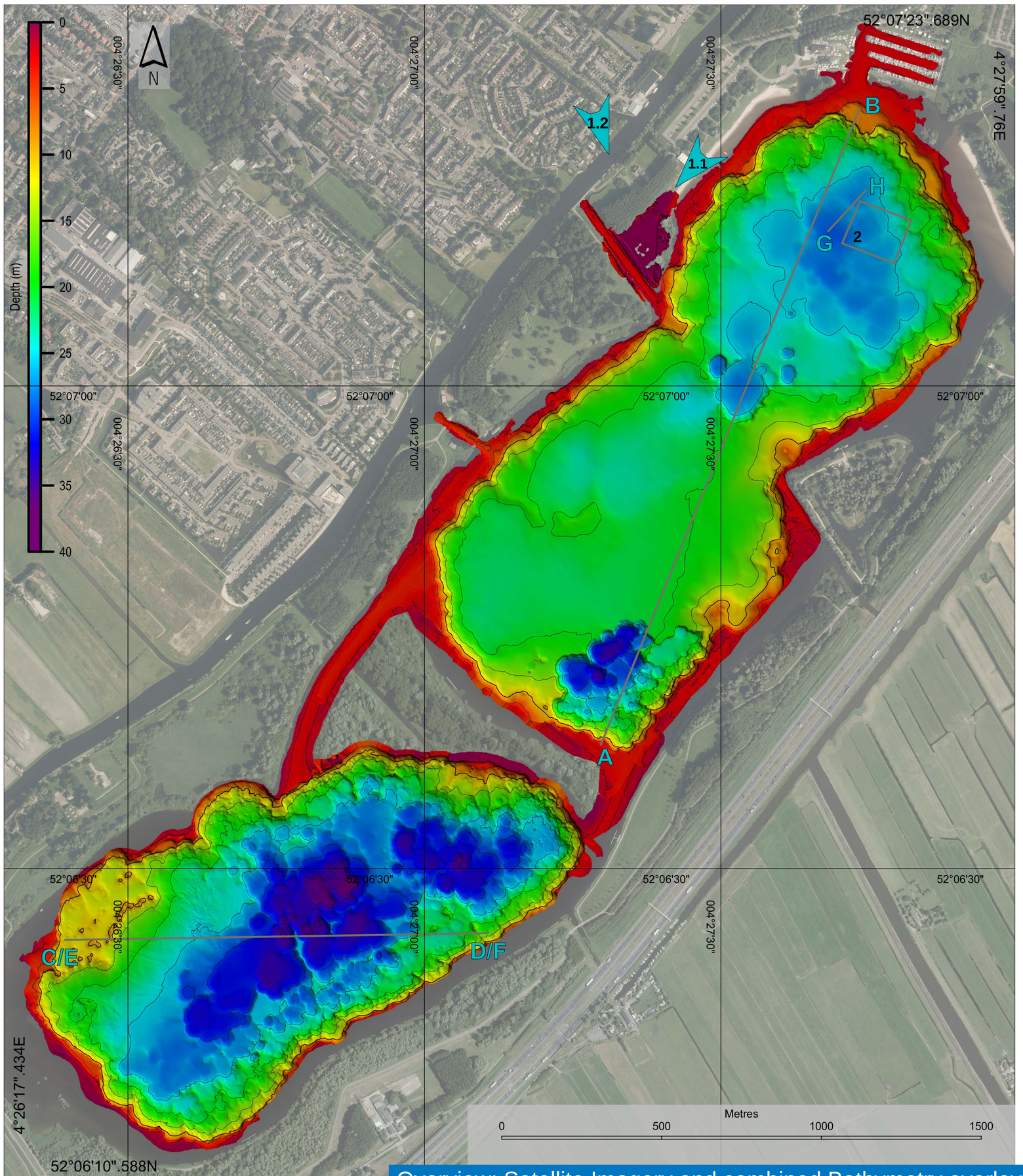
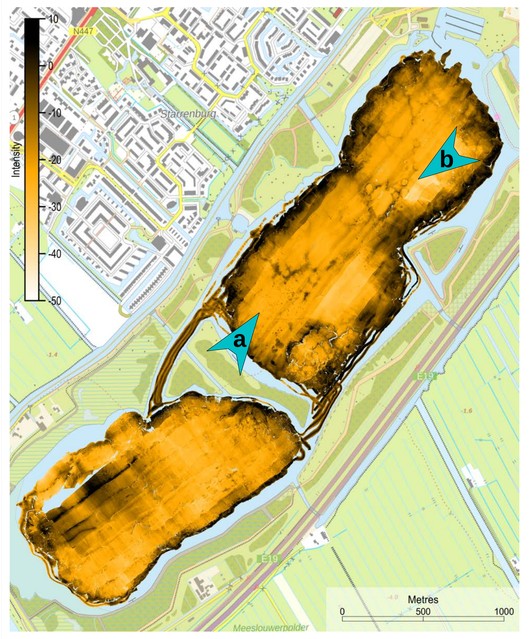
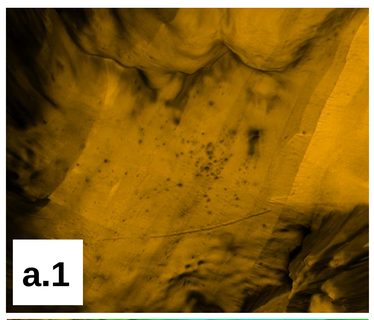
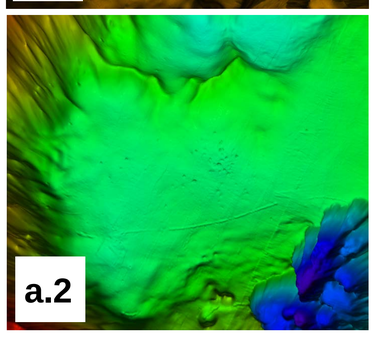
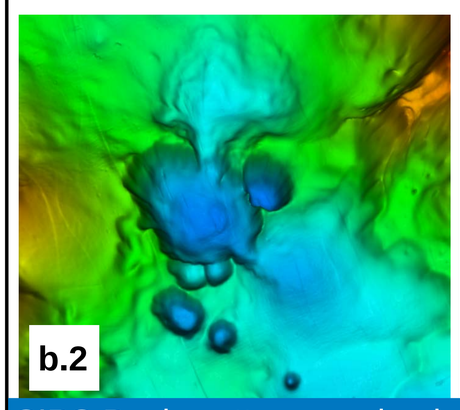


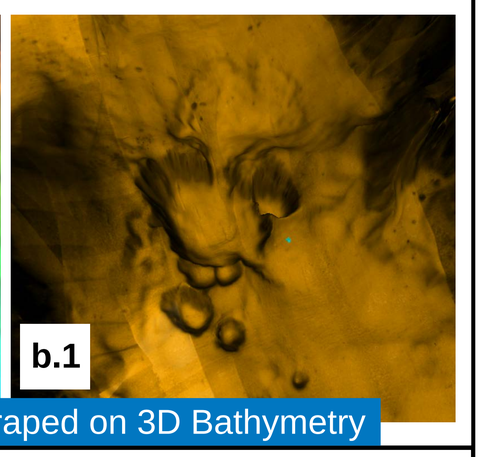
Overview: Satellite Imagery and combined Bathymetry overlay



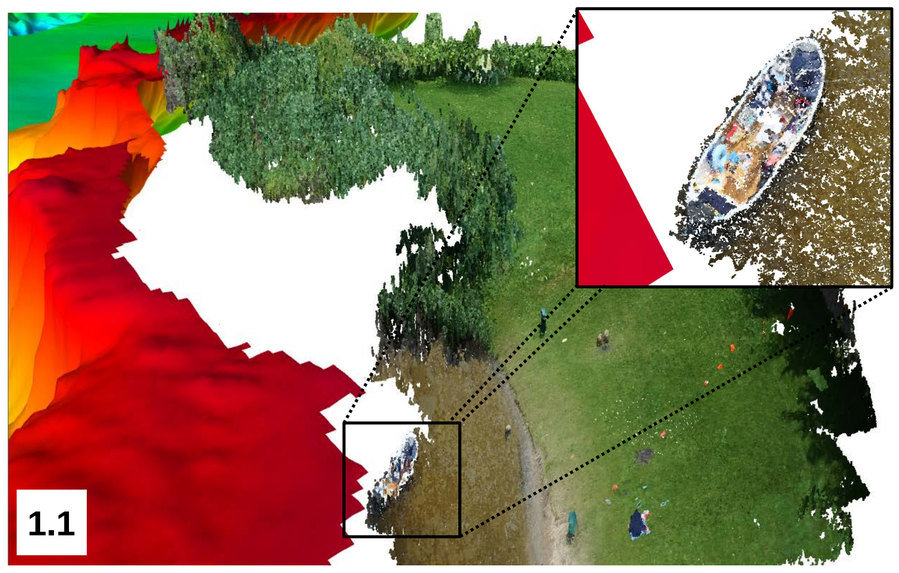


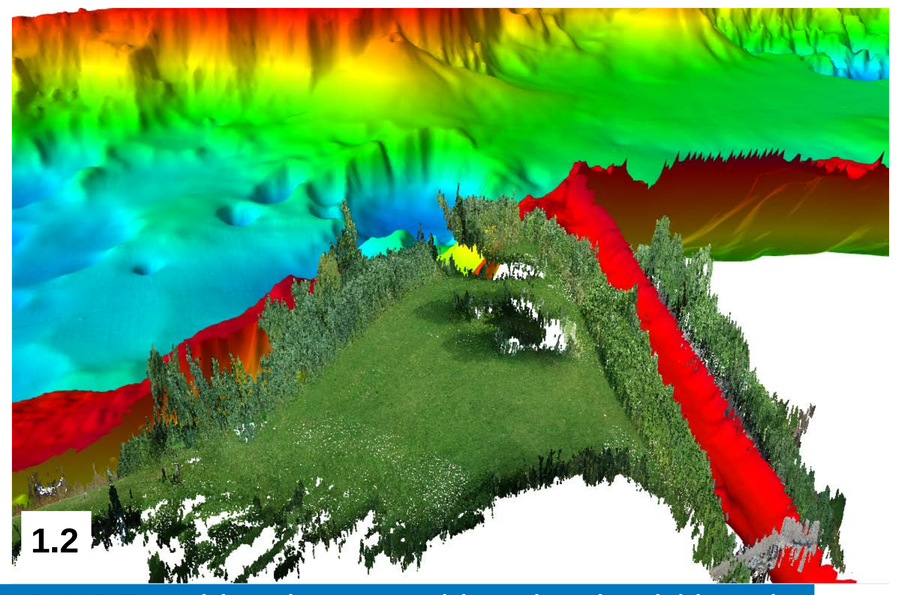




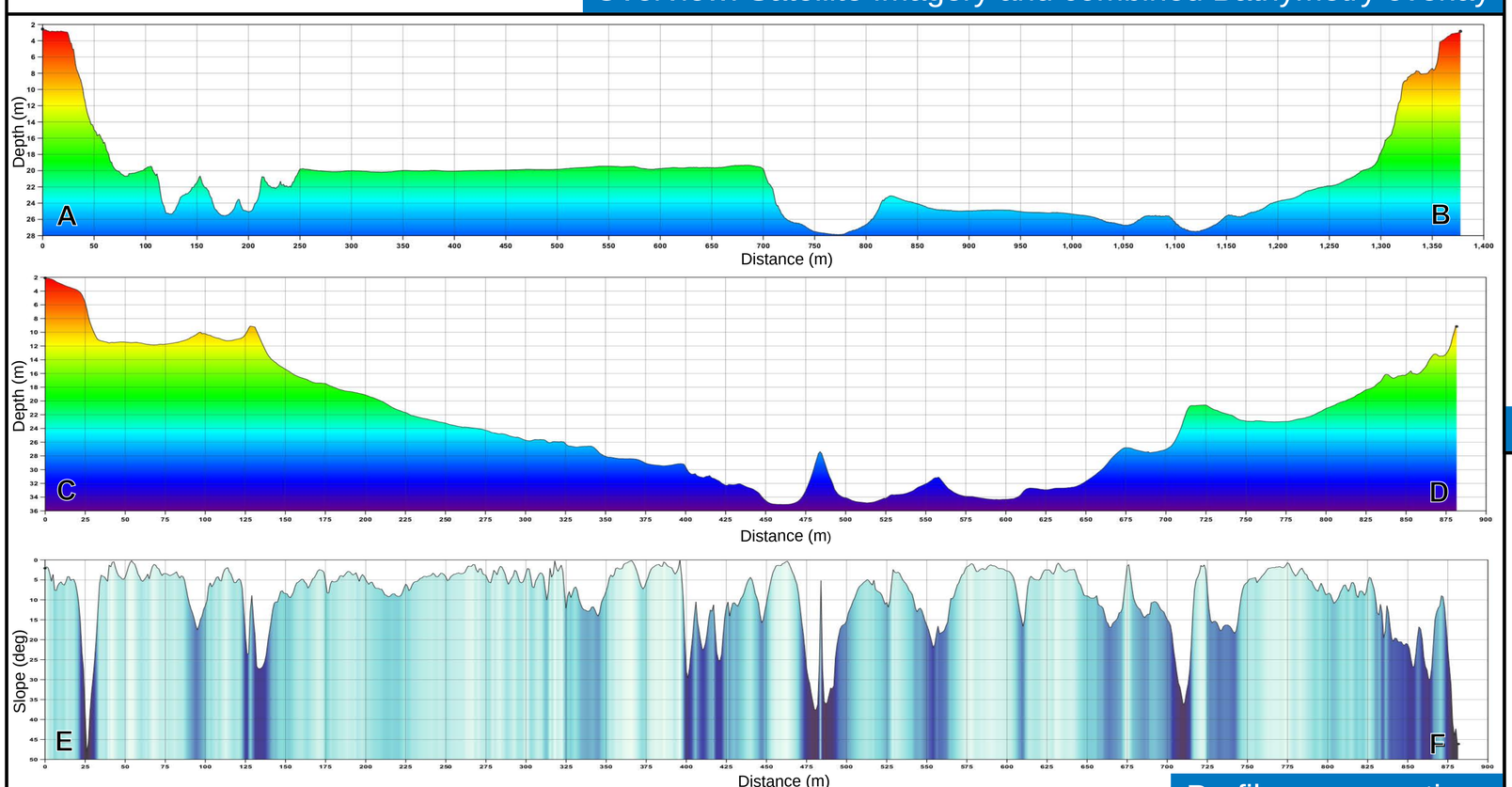


SIPS Backscatter mosaic, draped on 3D Bathymetry

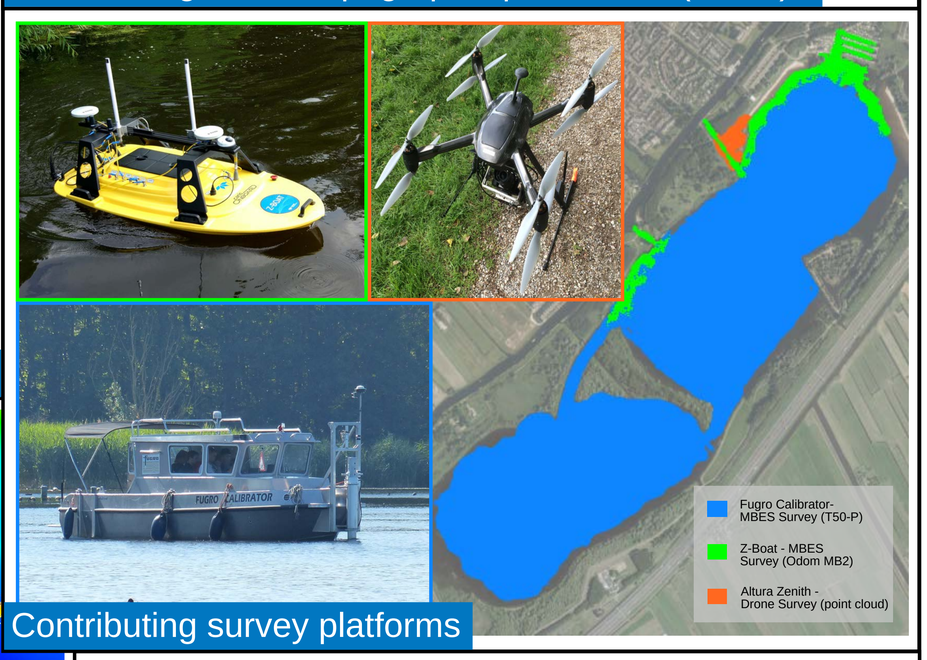




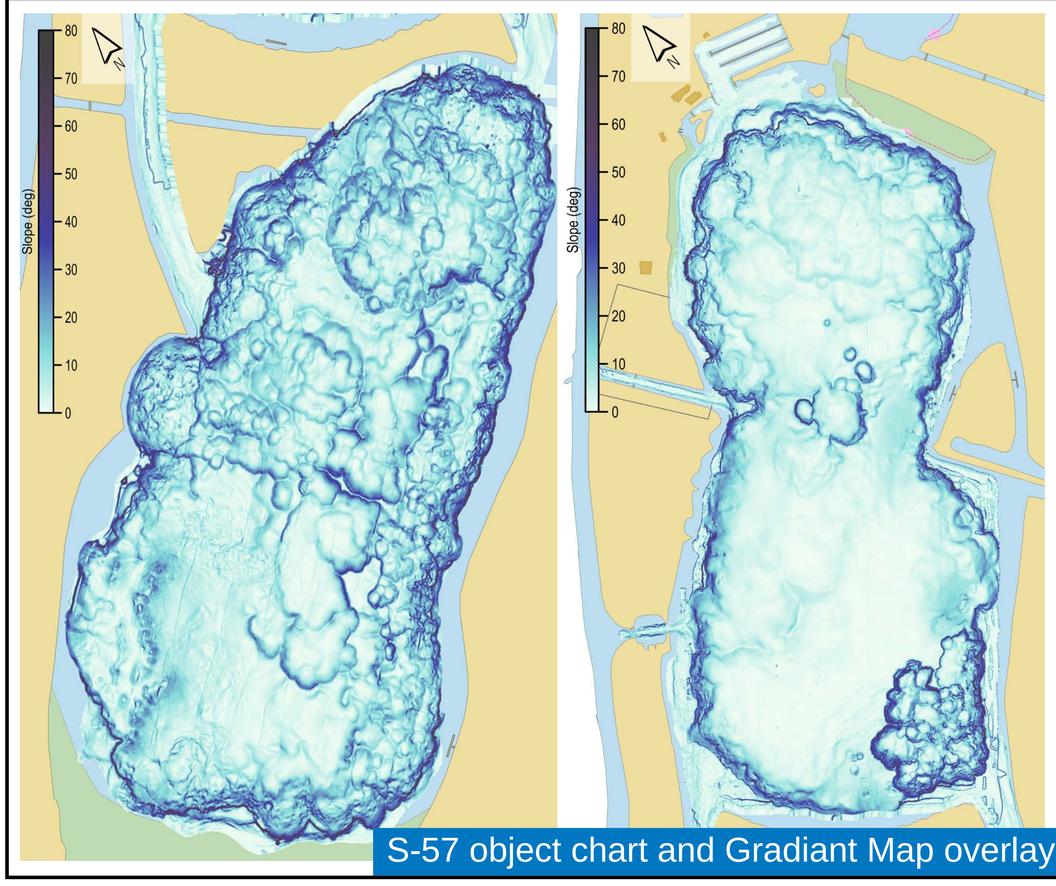
3D MBES grid and topographic point cloud (drone)



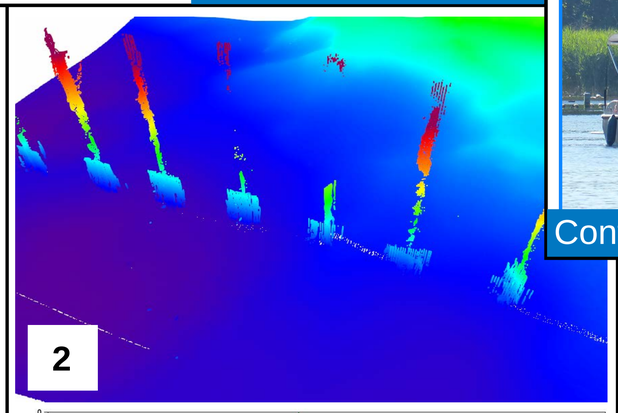
Profile cross sections

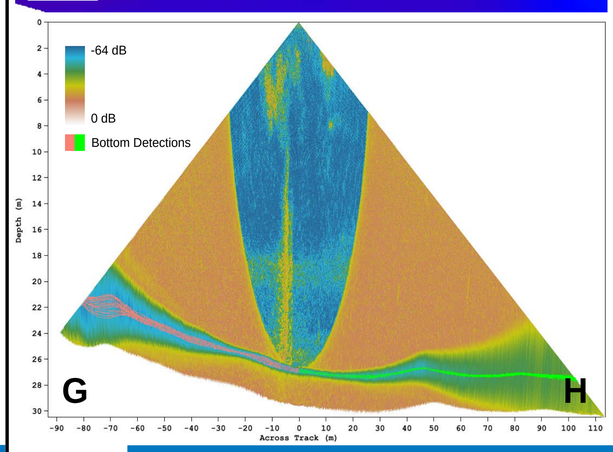


Contributing survey platforms



S-57 object chart and Gradiant Map overlay





Air bubbles detected by T50-P

Lake Survey 2016

in cooperation with:

TELEDYNE CARIS Everywhereyoulook™

FUGRO

Maritiem Instituut Willem Barentsz

TELEDYNE OCEANSCIENCE Everywhereyoulook™

TELEDYNE RESON Everywhereyoulook™

skeye aerial survey & inspection

Location:	**Vlietland Leidschendam, the Netherlands**
Survey Date:	**June 27th to August 1st 2016**
Survey Vessels:	**Fugro Calibrator, Z-Boat**
Raw Data Records from:	**Reson Seabat T50-P and Odom MB2 multibeam**
Aquisition software:	**PDS, Fugro Starfix**
Processing software:	**HIPS and SIPS, CARIS Onboard**
Horizontal Datum:	**World Geodetic System 1984 (WGS84)**
Vertical Datum:	**Vlietland Lake Level**
Projection:	**Universal Transverse Mercator (UTM 31N)**

Executed by the Maritime Institute Willem Barentsz students:
Timothy Chan, Douwe-Jan De Vries, Robin D´Haene, Jochum Dijkstra, Twan Dijkstra, Jeanine Jager, Liesbeth Kortenhoeven, Feitse Leemburg, Auke Melsen, Carolien Nonnekes, Erin Rijpkema, Michiel Smal, Dzjamilja Tjeerde, Daan Van Der Heide, Sam Van Der Meer, Bram Van Sikkeleras, Sam Verhoeff, Rik Vermeer, Mark Van Vliet, Emma Vos, Marnick Zijlstra