



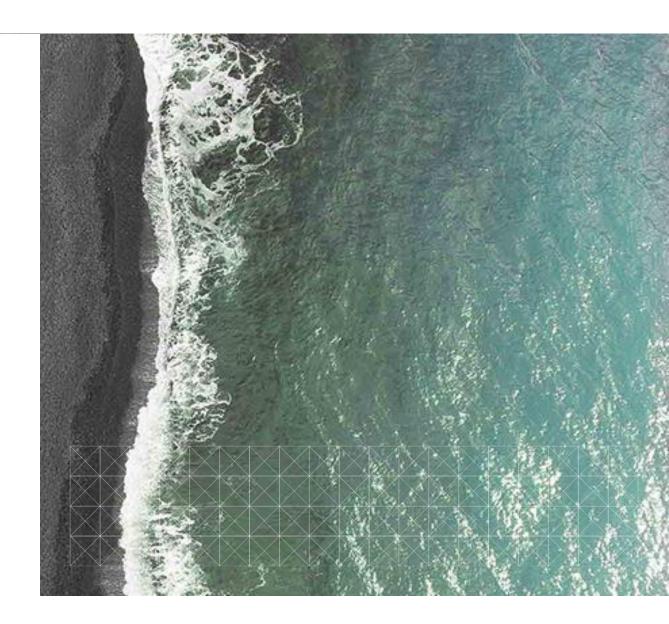
AUT 2019

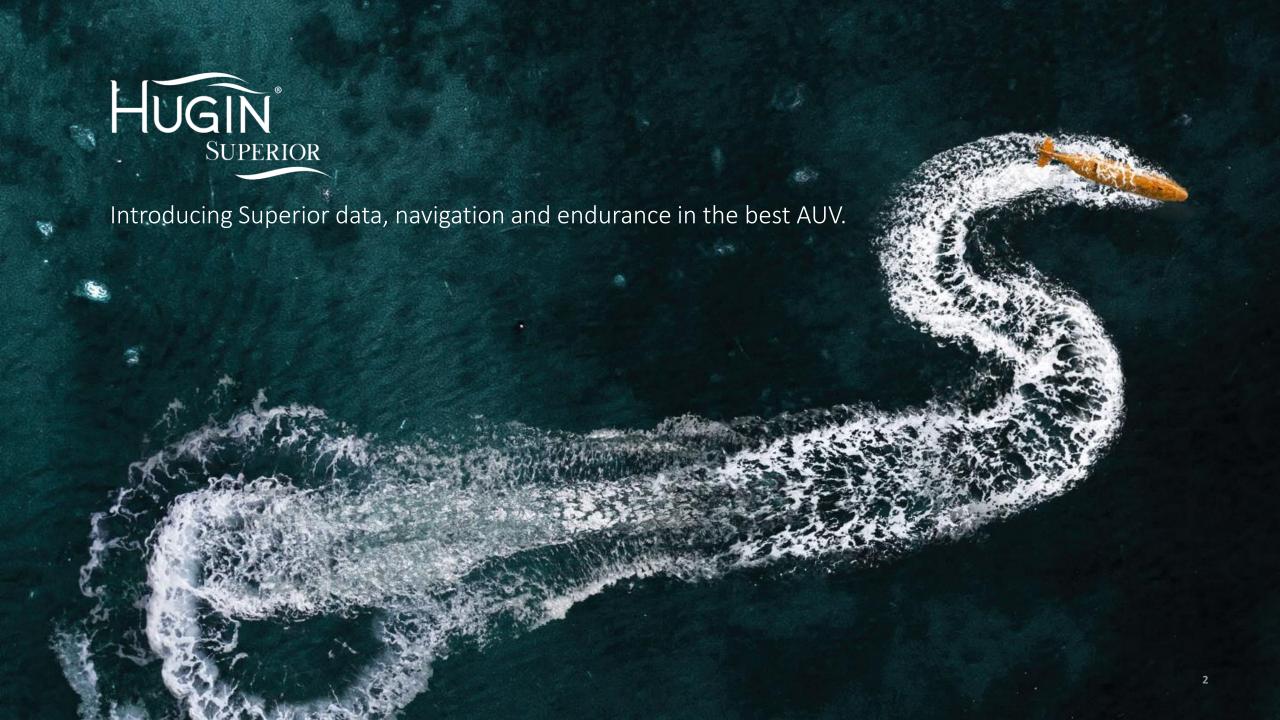
HUGIN Superior

Increased Survey Productivity

11/09/2019

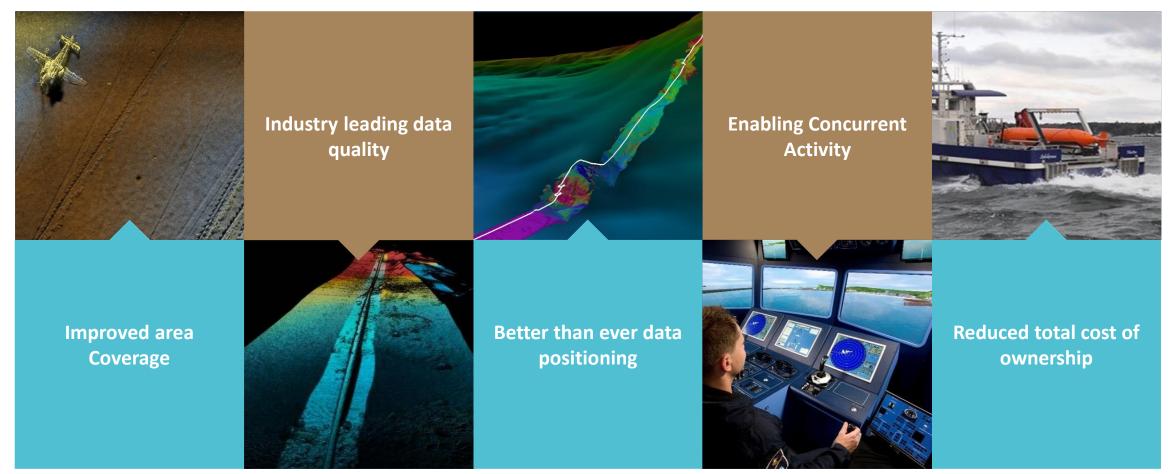
Richard Mills, Sales Director for Marine Robotics







Why HUGIN Superior?







HISAS 1032 Dual Receiver Area Coverage

A guide to visualise what is achievable



0.07 km²

0.07 km² Covered in 5 to 6 seconds



IKEA STORE

0.35 km²
Covered in 4 min 40 seconds



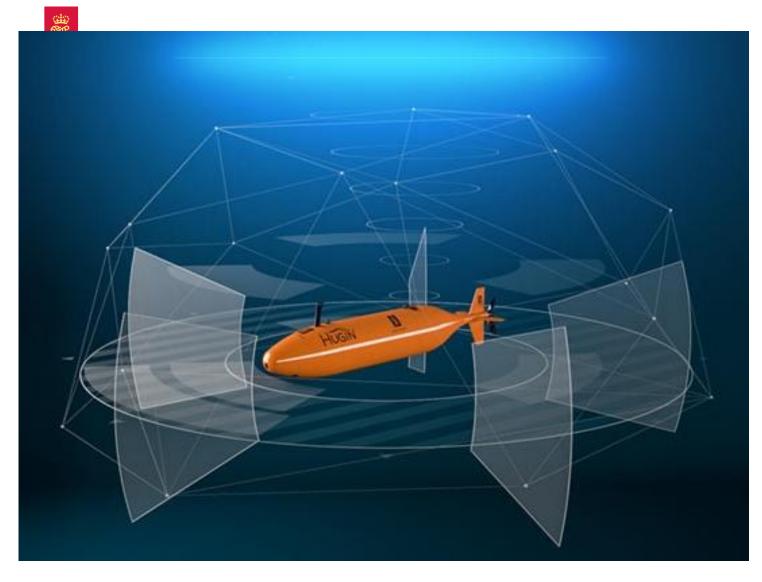
CENTRAL PARK, NY

3.45 km²
Covered in 46 minutes



MANHATTAN ISLAND

59 km²
Covered in 13 hours 7 minutes



Superior Navigation

- Improved in-situ navigation and positioning extends the time between external updates
- Sunstone takes input from the IMU, DVL, depth sensor, Micro-Navigation and external aids to bind drift and generate a position estimate
- Micro-Navigation is another aid to Sunstone
- Post mission processing in Sunstone Postea (formerly NavLab) improves solution further





Superior Productivity through endurance and accuracy

By introducing greater energy density batteries, HUGIN Superior can travel further than ever before. Standard battery safety systems developed for the HUGIN AUV have been retained as safety is paramount.

Improved navigation accuracy reduces the need to regular supervision, and longer mission duration enables operators to conduct concurrent activities.





Sensor Packages

HUGIN can carry and operate an unrivalled sensor package for imagery, bathymetry, environmental assessment and more.

