

Single Beam Side Scan Sonar Systems:

System 4900

- Dual, Simultaneous Frequencies 455/900 kHz
- 300 m depth rating

System MA-X VIEW 600

- Dual Frequency 600/850 kHz
- 300 m depth rating
- Complete Nadir Coverage
- 40% increase in survey efficiency

System 4000

- Dual, Simultaneous Frequencies 100/400 kHz
- 2000 m depth rating

System D3500TF

- Dual, Simultaneous Frequencies 100/400 kHz
- 3000 m depth rating

Multi Beam Side Scan Sonar Systems:

System 5000 V2

- Operational Frequency 455 kHz
- 500 m depth rating
- MCM mission support
- For small open boat and port & harbor applications

System 5900

- Operational Frequency 600 kHz
- 750 m depth rating
- MCM mission support

Shallow Water Bathymetry:

Hydrochart 3500

- Operational Frequency 455 kHz
- 150 m depth rating
- Turnkey solution with motion reference unit, heading sensor and sound velocity sensor

Hydrochart 5000

- Operational Frequency 455 kHz
- Frequency modulated (FM) chirp processing for both bathymetry and side scan

AUV/UUV Sonar Payloads

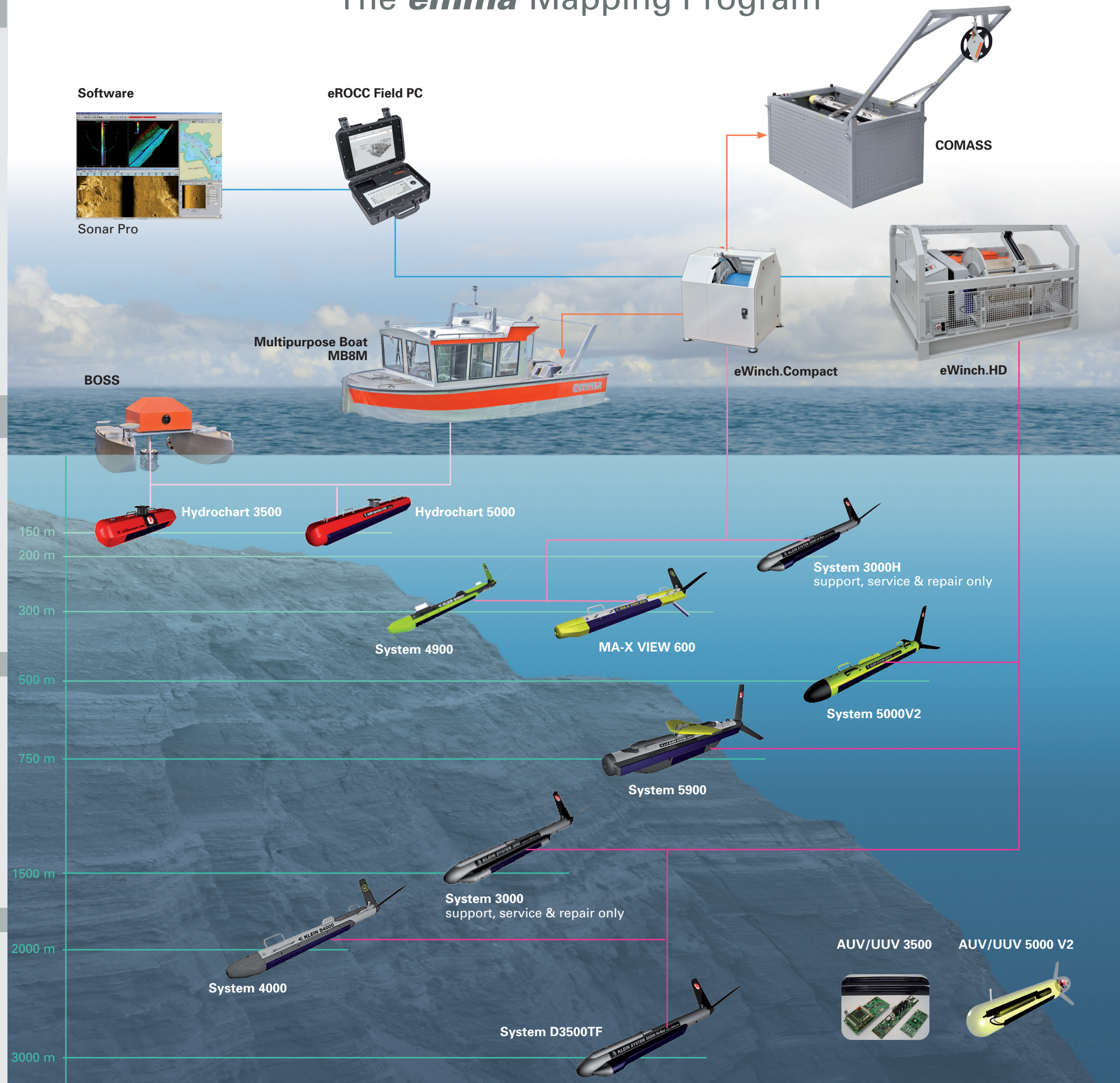
AUV/UUV 3500

- Dual Frequency 455/900 kHz
- For AUV/UUV/ROV operations

AUV/UUV 5000 V2

- Single Frequency 455 kHz
- For AUV operations

The *emma* Mapping Program



emma Deliverables

eWinch.Compact

- Footprint: 610 x 680 mm
- Capacity: up to 900 m

eWinch.HD

- Footprint: acc.to costumer spec.
- Capacity: up to 3600 m

COMMAS for

- eWinch.Compact/
 - eWinch.HD
- mounted in customer configurable container

BOSS

- Seawater resistant aluminium hull
- Compact lightweight design
- Large payload capacity, up to 75 kg
- Endurance up to 4 hours

Multipurpose Boat MB8M

- Robust and seawater resistant aluminium hull
- Length up to 10 m
- Transport Two-axle trailer licensed for road use

eROCC Field PC

- Ruggedized PC for harsh environments
- Tripod mount option
- Bluetooth cable length measurement read-in
- SonarPro software

Tow Cable

- Various cable types according to system requirements
- Cable termination at wet end

AUV/UUV Payload Package integration

Service

- System specification
- Installation
- STW
- Training