



Maritime Autonomy Solutions



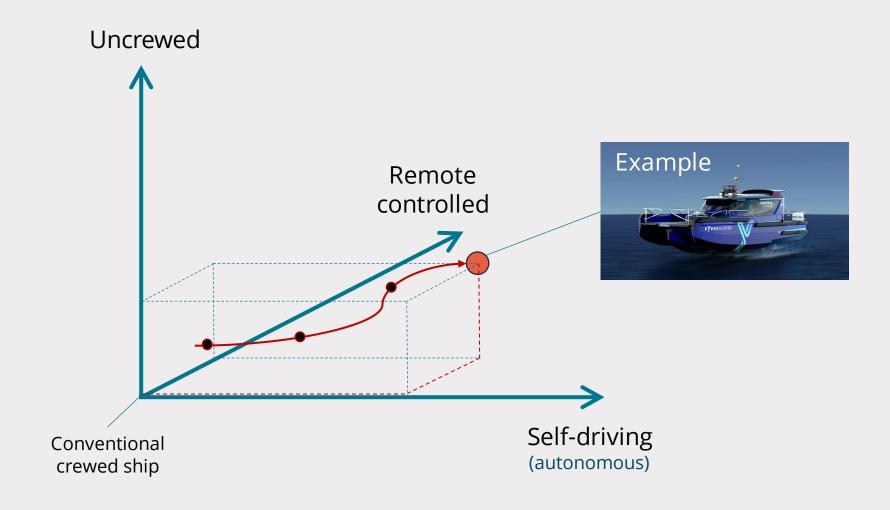
NFAS annual meeting

Sense – Comprehend – Plan – Act – Supervise



(Autonomy)

Maritime Levels of Automation - LoA



Zeabuz Maritime Autonomy Solutions

enabling smarter and greener operations

Offering stepwise increasing levels of autonomy and value propositions:

"Watchkeepers Companion" "Navigators Companion" "Captains Companion" ZeaMate ZeaMaster ZeaWatch Decision **Autonomous** Autonomous navigation operation support

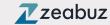
ZeaOps

Monitoring & integrated operations



ZeaROC Remote supervised autonomy





Zeabuz Maritime Autonomy market segments



Virtual Cable Ferries



Shortcut Networks



Work Boats



Car Ferries

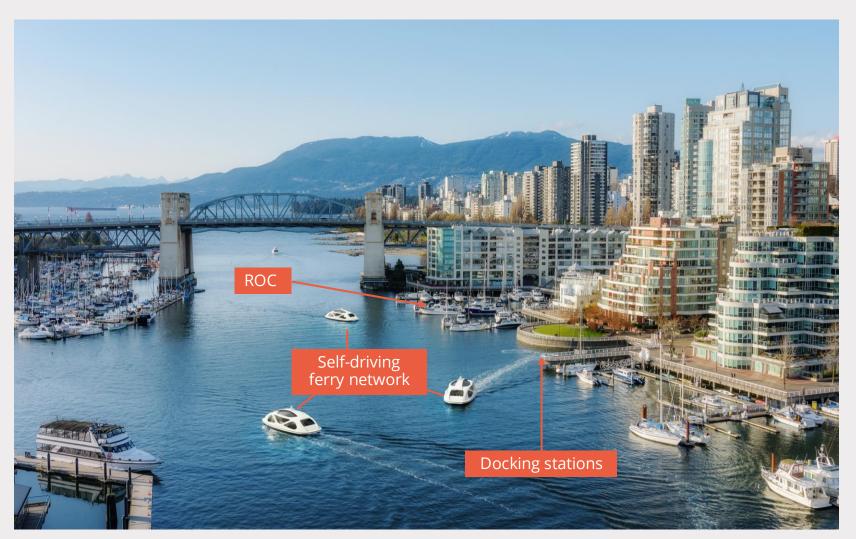


Water Shuttles



Inland waterway transport

The Zeabuz shortcut network concept

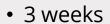


Benefits:

- Zero emission
- Self-driving
- High frequency departures
- Scalable
- Attractive & iconic

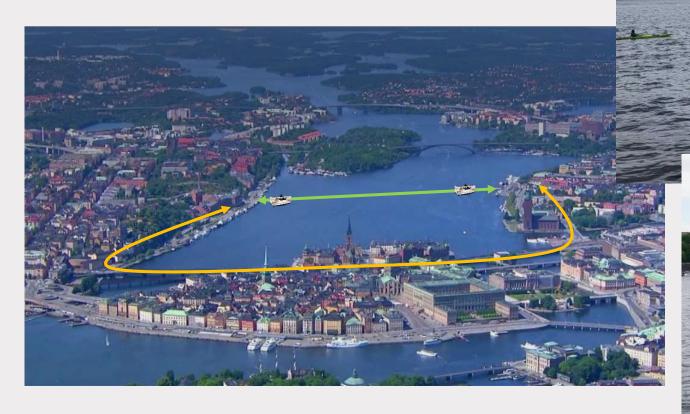
September 2022: Trial operation with milliAmpere 2 in Trondheim





- 1500 passengers
- 400 crossings

Zeam launched in Stockholm June 2023





Autonomy system

Mobility concept



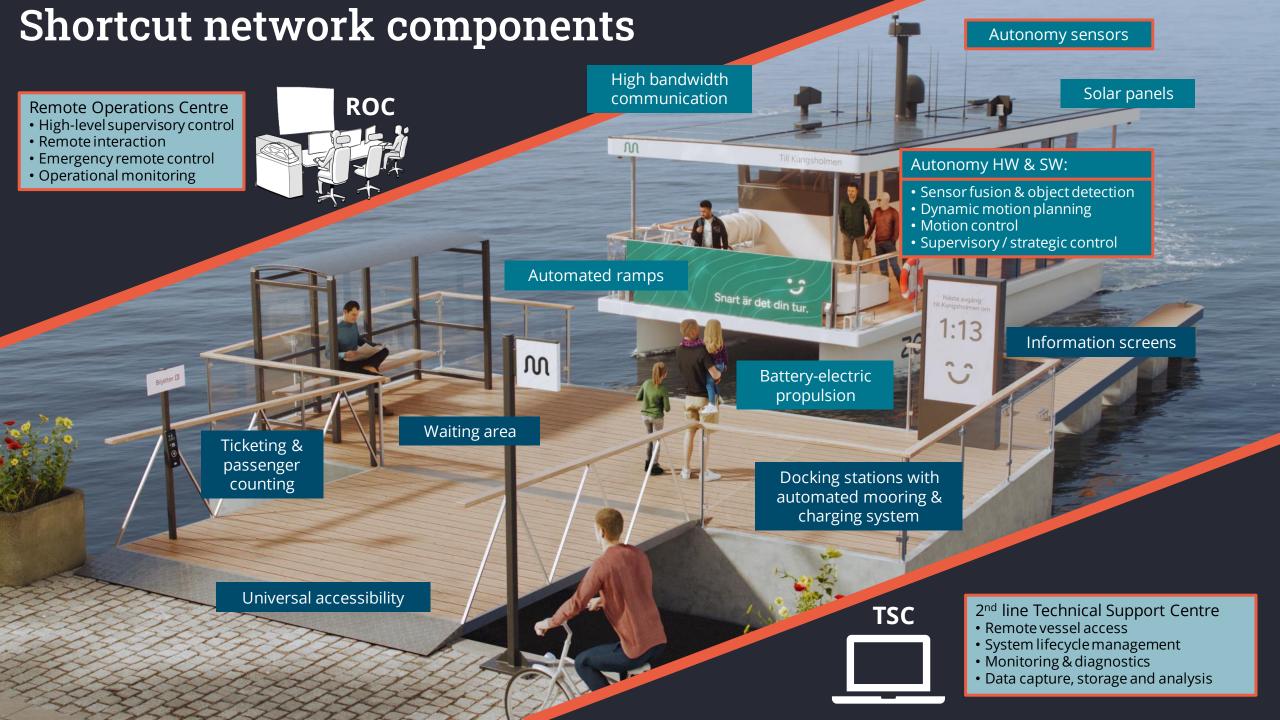




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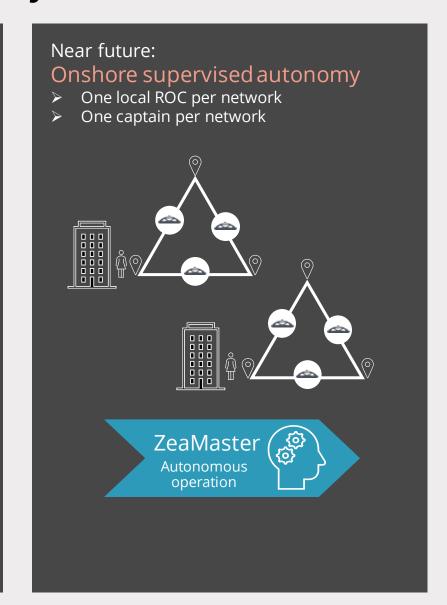


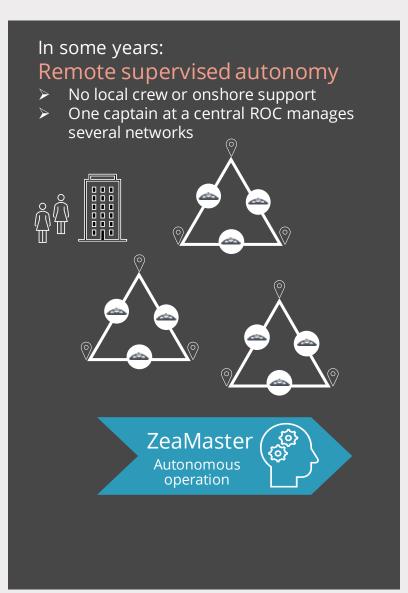




Levels of Autonomy for urban shortcuts

Today: Onboard supervised autonomy One certified captain per vessel ROC only staffed to build confidence towards higher Levels of Autonomy ZeaMate / Autonomous navigation







Scalable Maritime Autonomy solutions

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