

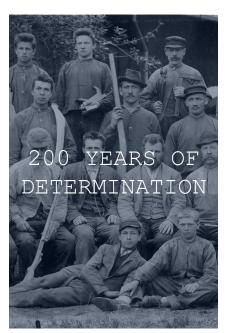
Situational Awareness – Preparing for the autonomous future Navtech, Seattle, 07.12.2022

Kongsberg Seatex AS
Cato Giil Eliassen
Product Manager, Navigation and Infrastructure

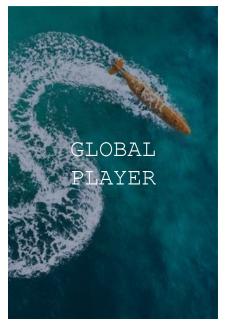


200 YEARS OF EXCELLENCE

Two centuries of achievement, innovation and transformation—fueling a journey that has seen us start as a small munitions business in Norway and emerge as a pioneering global technology provider.











KONGSBERG SIZE AND SCOPE







A TECHNOLOGY POWER HOUSE WITH 3 STRONG BUSINESS AREAS









Kongsberg Maritime

BROADEST PORTFOLIO OF PRODUCTS FOR THE MARITIME INDUSTRY









Kongsberg Seatex AS Location; Trondheim Employees; 130

Established; 1984

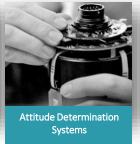




Kongsberg Seatex AS

Kongsberg Seatex develops and supplies products and solutions for accurate positioning, communication, motion measurement and situational awareness for applications such as navigation and manoeuvring, offshore oil and gas, marine seismic, hydrography, surveying, maritime transport, autonomous ships, as well as communications and positioning infrastructure and NewSpace satellite payloads for maritime applications.













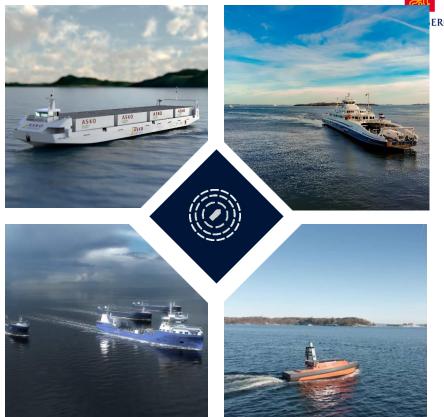


Situational Awareness

Reliable Scalable

Integrated







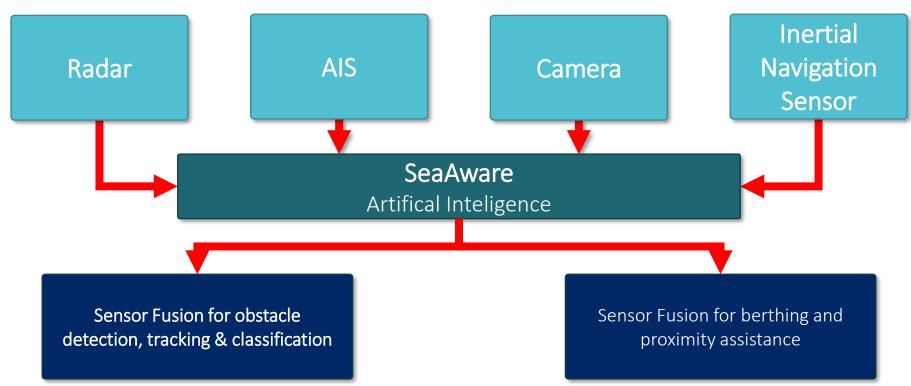
The State of Situational Awareness in 2022





KONGSBERG Situational Awareness







Sensors: Camera

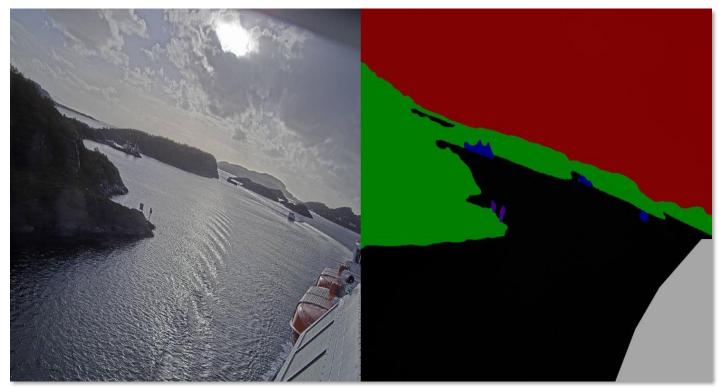






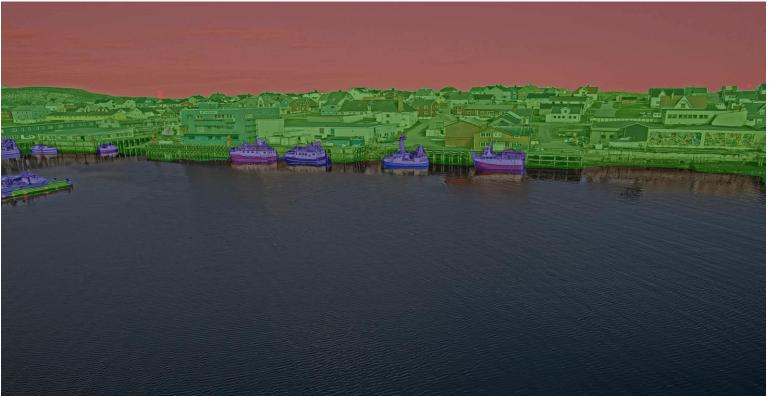
Sensor Fusion: obstacle detection, tracking & classification ((**))







Sensor Fusion: obstacle detection, tracking & classification ((2))







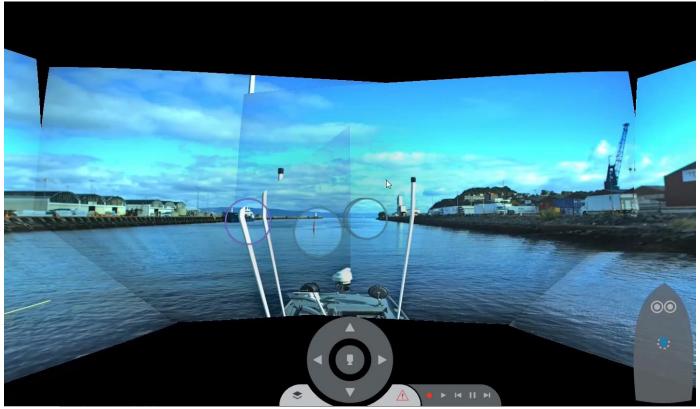
SeaAware – Navigation Lookout Intelligent Data Fusion





Sensor Fusion: obstacle detection, tracking & classification

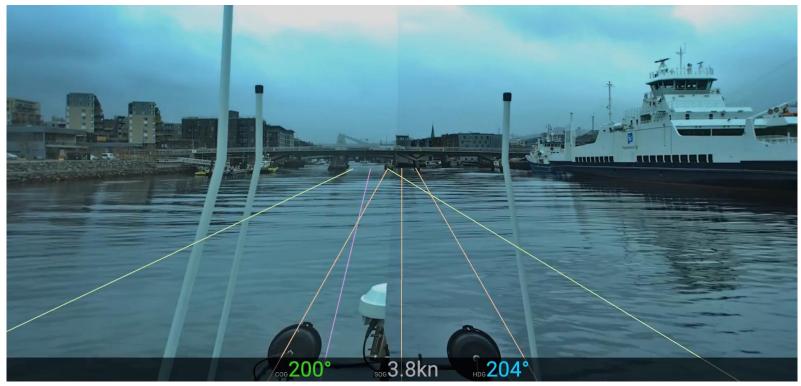






Sensor Fusion: Berthing and Proximity Assistance







Sensor Fusion: Berthing and Proximity Assistance

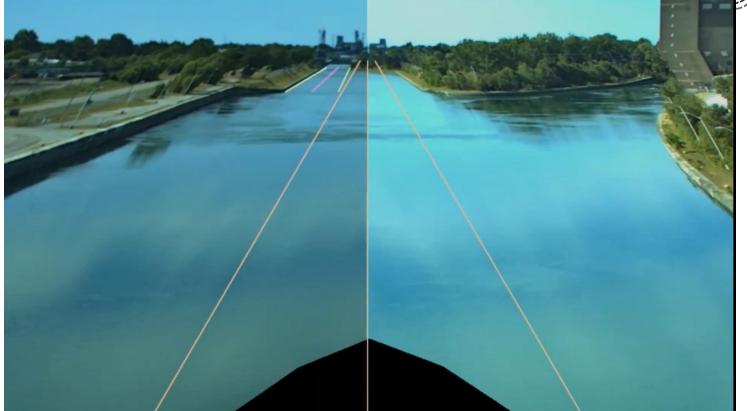




WORLD CLASS - Through people, technology and dedication



Sensor Fusion: Berthing and Proximity Assistance







The State Of Situational Awareness in 2025 ?





