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BRIZO[®]

COLLISION AVOIDANCE SYSTEM

GOALS & OBJECTIVES OF BRIZO

Sirehna collision avoidance system, BRIZO, offers automatic detection, tracking and geolocation of any obstacles on the surface up to 1km.

BRIZO interfaces with sensors on board any type of vessels in a new building or refit configuration. BRIZO can be used in a day and night application and offers to possibility to use augmented reality to be immerse in the vessel environment.

BRIZO can track, alert & suggest manoeuvre of the velocity obstacle type. A map indicates to the helmsman all the possible trajectories/velocities which allow to avoid collision with all the tracks present on the water, taking into account the ColReg recommendations.

Sirehna Brizo collision avoidance system offer a ultra-connected solution to mark the digital shift of the worldwide maritime fleet.

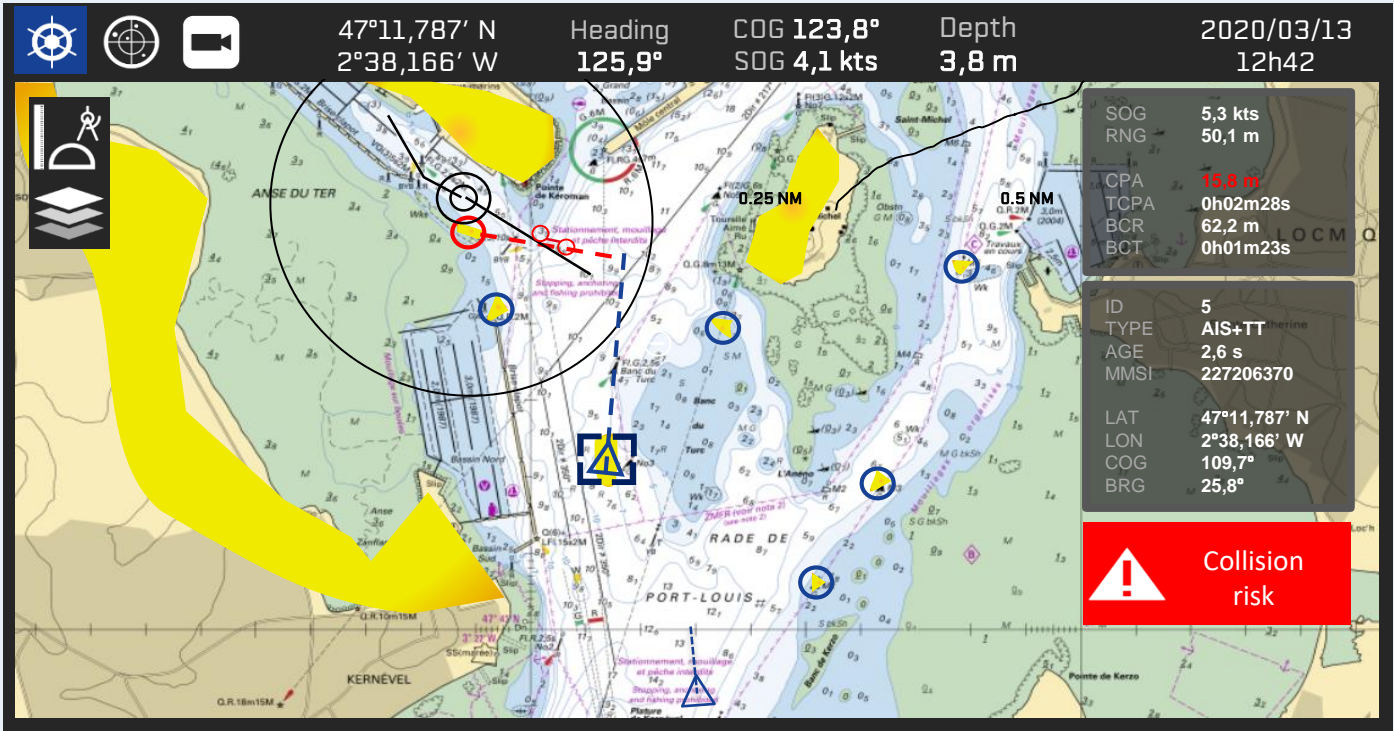
"Digitalization will change & revolutionise the maritime and port sector".

- **MOTION & OBJECTS DETECTION**

- **COLLISION AVOIDANCE MANOEUVRE**

- **ALERTS MANAGEMENT**

- **GRAPHICAL USER INTERFACE & AUGMENTED REALITY**



KEY POINTS

- Automatic thermal detection, tracking & geolocation of floating objects on the surface up to 1 km
- Suggested manœuvre is of the velocity obstacle type indicating all the possible trajectories
- Real time analysis on specific criteria (position, speed, course). Alerts based on CPA & BCR
- Operator console & remote tablet with user friendly interface and graphical data showcasing real time traffic
- System installed in ships in a new building or refit configuration

CHARACTERISTICS

NAV. SENSORS



DETECTION SENSORS



ADVANCED DETECTION SENSORS



BRIDGE