ZELIM

FIND — RECOVER — PROTECT
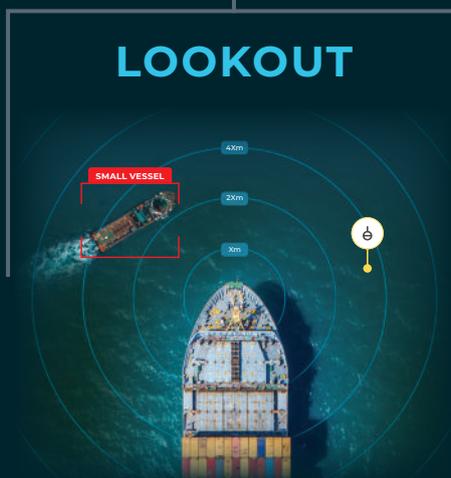

ZOE
BEYOND HUMAN VIGILANCE & SAFEGUARDING

MOB

AUTOMATIC DETECTION, TRACKING & ALERTING

Instantaneous detection of persons falling overboard to ISO21195 MOB Detection standard, ZOE additionally tracks the person on the surface providing geo-location data to co-ordinate rescue.
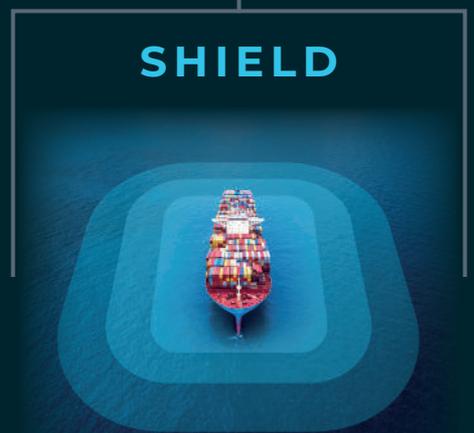
LOOKOUT

SAFE NAVIGATION

Reduce risk of collisions, with AI enabled detection, classification, tracking and alerting of navigational hazards which AIS or radar can miss.
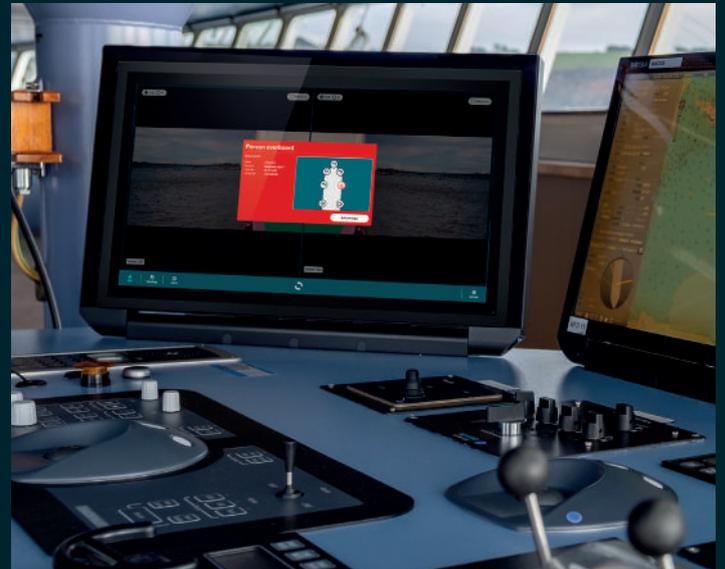
SHIELD

SECURITY THREAT DETECTION

Full 360 perimeter security with automatic detection, classification, tracking, and alerting of potential security threats coming too close.
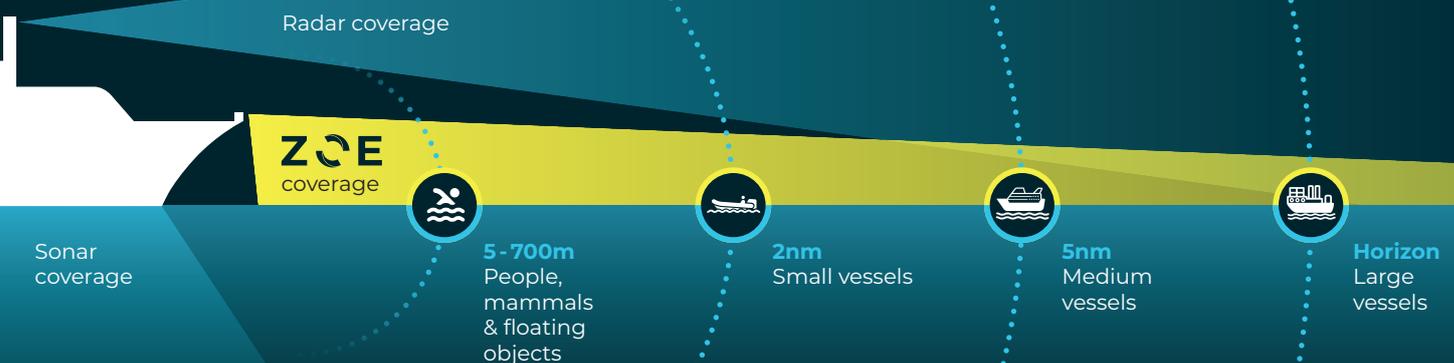
ZOE

BEYOND HUMAN VIGILANCE & SAFEGUARDING

BENEFITS

> Automated detection and alerting in real time to support decision making

> Consistent/accurate detection performance to ISO21195 MOB Detection Standard

> Detects, tracks and classifies objects not seen by AIS or radar

> One system with multiple functions

> Incidents recorded and logged for future analysis

> Developed by Mariners and Search & Rescue professionals

ZOE COVERAGE VS TRADITIONAL METHODS

Radar coverage

ZOE coverage

Sonar coverage

5-700m
People, mammals & floating objects

2nm
Small vessels

5nm
Medium vessels

Horizon
Large vessels

ALWAYS ALERT

Keeping offshore personnel and assets safe since 2024 with 99.8% system uptime

FIND ~ RECOVER ~ PROTECT