



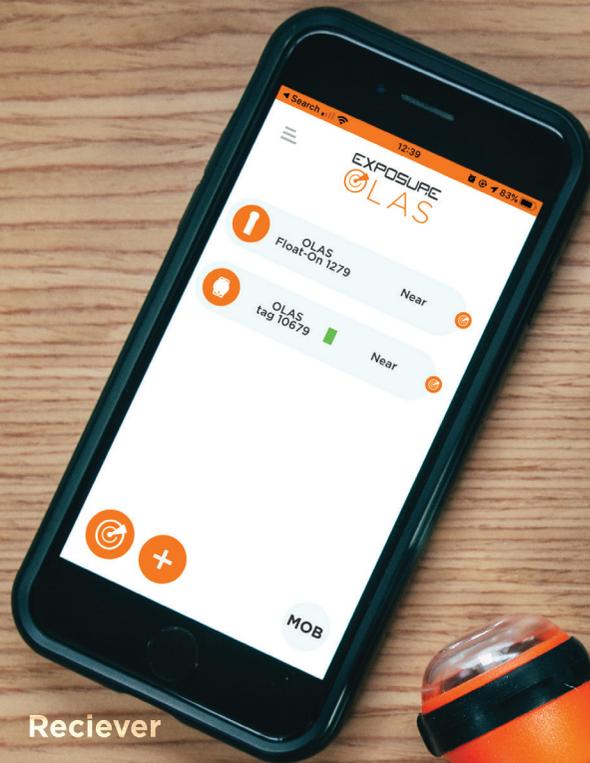
EXPOSURE
@LAS

OVERBOARD
LOCATION
ALERT
SYSTEM

WIRELESS
SAFETY

WHAT IS OLAS

OLAS is a scalable, wireless, safety system for use on sailing and motor vessels up to 80ft in length. OLAS creates virtual tethers to crew, family, pets and objects ensuring that if they fall overboard an alarm is triggered. OLAS is split into 2 product functions; OLAS transmitters and OLAS receivers.



Reciever



Reciever



Transmitter



Transmitter



TRANSMITTERS

The OLAS Tag and the OLAS Float-ON are considered OLAS transmitters. They emit a Bluetooth signal, which is monitored by any OLAS receivers, creating a wireless tether.

The transmitters are portable devices to be carried, worn or attached to crew, family and pets.



Credit: Junior Offshore Group

RECEIVERS

The OLAS receivers track the OLAS transmitters. OLAS receivers are:

Guardian

Installed wireless kill switch and overboard alarm

Core

Portable overboard alarm

OLAS mobile application

Portable overboard alarm and rescue aid

Extender

A repeater to increase the range of the Guardian and Core up to 80ft

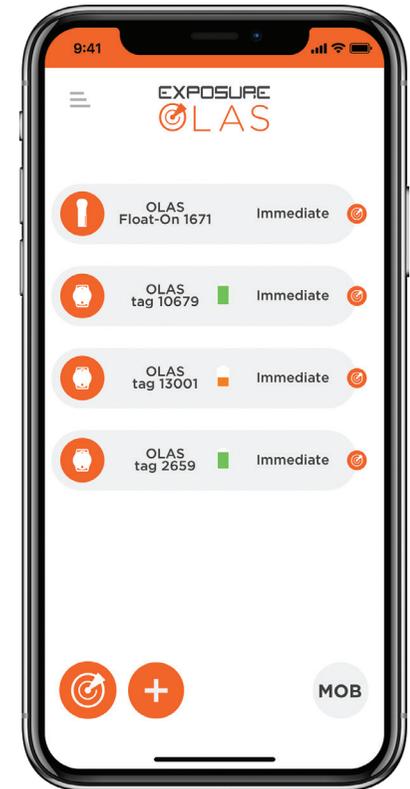
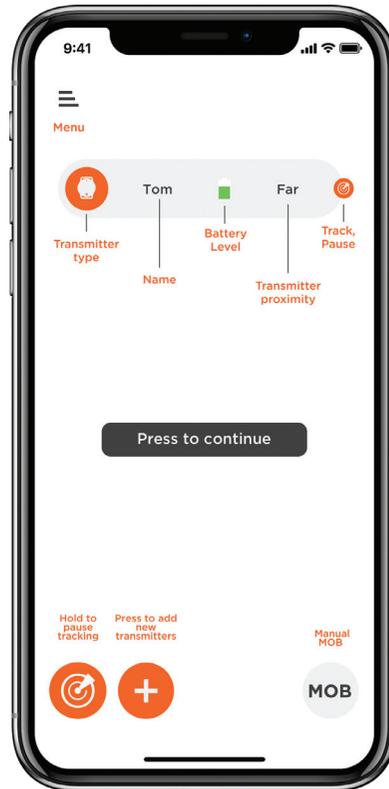


HOW DOES IT WORK?



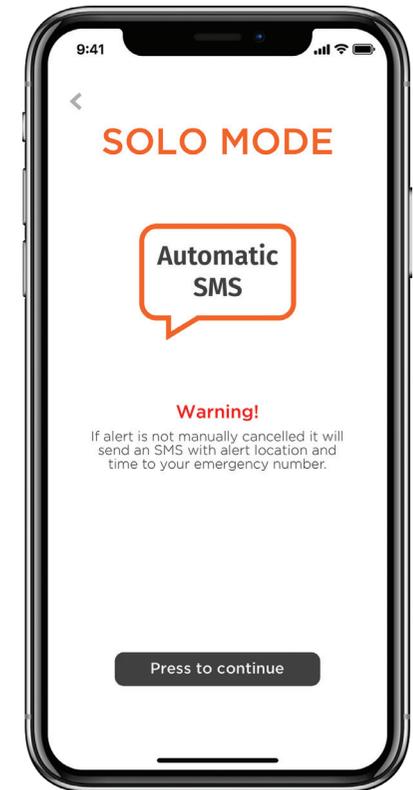
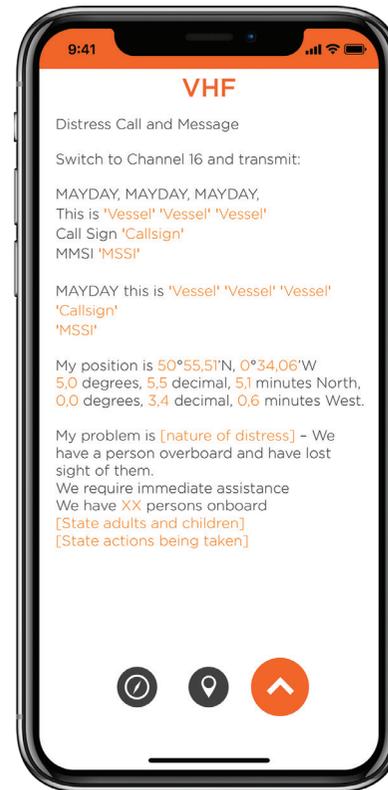
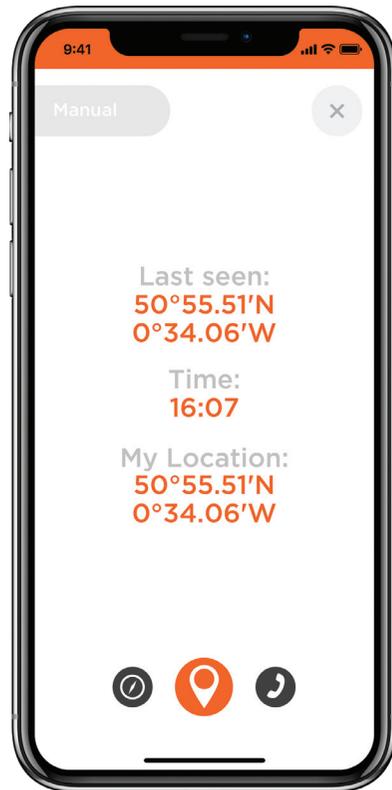
OLAS transmitters are synced up with the receivers whilst in dock. The system then operates in the background, continuously checking to ensure all crew, family and pets are still within range. When the virtual tether is broken between a receiver and a transmitter, the receiver triggers an alarm, emergency light and OLAS mobile application. Instant alert to an overboard incident enables rapid recovery to be actioned.

OLAS APP



The OLAS mobile application allows the OLAS transmitters to be used as a MOB/proximity alarm creating a portable system that can be taken from vessel to vessel without costly installation. When an OLAS transmitter goes out of range an alarm is set off and overboard screens are activated.

When the OLAS mobile application is connected to the Guardian or Core it allows greater control over the OLAS transmitters that are being tracked, whilst also acting as an extra alarm and rescue aid.



The OLAS app has 4 key rescue features, automatically activated when the MOB alarm sounds:

1. Records and displays MOB Alert GPS position (no phone signal required)
2. Displays MOB mayday call with custom vessel information and MOB Alert GPS position
3. Clear arrow directing back to the MOB Alert GPS position
4. Solo mode - automatic SMS to custom number with MOB Alert GPS position



OLAS TAG

Weight	20g (excl. strap)
Dimensions	60 x 35 x 15mm
Battery Life	4 months
Battery	CR2477 (user replaceable)

The OLAS tag is a compact, 'Smart', man overboard system. It can be easily attached to adults, children, pets and objects such as overboard floatation devices. The tags are tracked by the OLAS application on a mobile device or via the Core, Guardian and Extender.

After seconds of the tag 'breaking' connection, the crew are alerted and the MOB rescue screen is activated on the OLAS mobile application.



OLAS FLOAT-ON

Weight	45g
Dimensions	85 x 36mm
Battery Life	850 hours (Standby)
Battery	USB Rechargeable

Combines a MOB alarm, floating water activated strobe and pocket torch into a cost effective, compact device. The OLAS Float-On is tracked by the OLAS application on a mobile device or via the Core, Guardian and Extender creating a multifunctional safety aid for all boaters. The automatic strobe gives visual location of an MOB. The pocket torch makes it a versatile tool to be carried at all times.



OLAS GUARDIAN

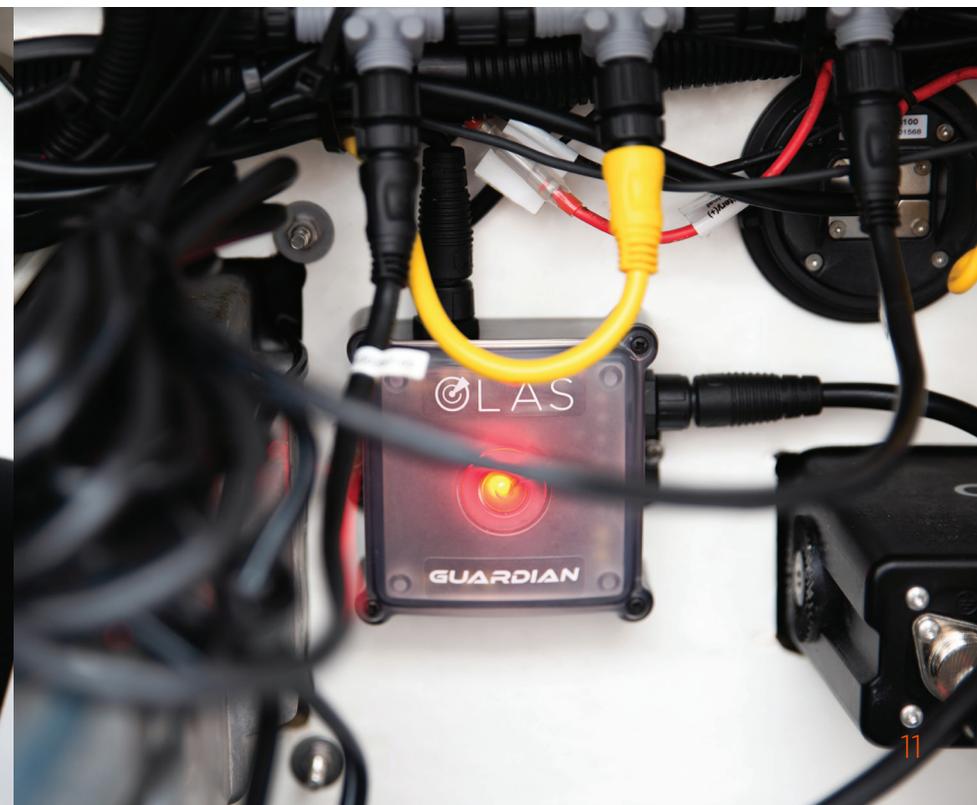
Power	10-32VDC
Box Dimensions	92 x 90 x 38mm
Switch Dimensions	32mm diameter
Range	25ft
Emergency light	55 lumens
Buzzer output	85db

The OLAS Guardian is a wireless engine kill switch that acts within two seconds of a person falling overboard. It has the dual function of also acting as an instant, Man Overboard Alarm system.

Motorboat drivers are free to move around their boat with the added safety of a virtual cut-off switch if the physical cord is forgotten when returning to the helm.

Advantages

- Run alongside existing kill switch
- Crew restart after 5 seconds
- Inbuilt alarm
- Fast, easy installation
- Auto-Sync on start up
- Pause mode
- Driver and crew mode
- OLAS app compatible for advanced setup and external alarm





OLAS CORE

Power	5V USB
Box dimensions	92 x 90 x 38mm
Range	25ft
Emergency light	55 lumens
Buzzer output	85db

The Core gives skippers complete confidence that in the event of a MOB incident, the entire crew are alerted instantly and can take immediate recovery actions.

The Core wirelessly tracks OLAS transmitters around the vessel. When a person wearing a transmitter falls overboard the in-built alarm is triggered and a high-power emergency red light gives visual indication and illuminates the surrounding area, all within 4 seconds.



OLAS EXTENDER

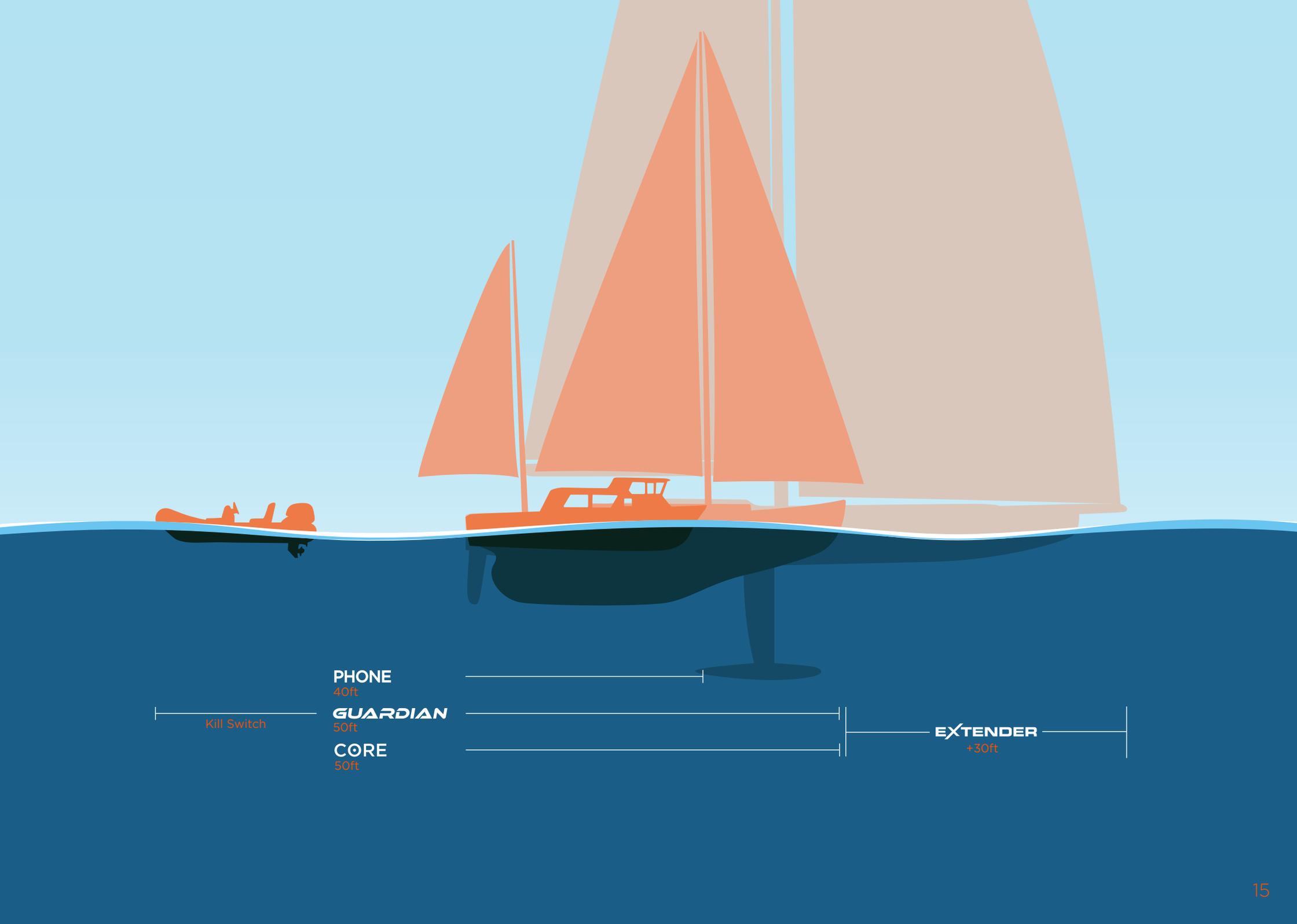
Power	5V USB
Box Dimensions	92 x 90 x 38mm
Range	30ft from transmitter and 20ft from receiver
Connected Transmitters	Up to 15
Weight	110 grams
Battery Life	48 hours

The OLAS Extender is a compact, portable, wireless repeater for the Guardian wireless kill switch and Core overboard alarm. The Extender increases the overall system range up-to an 80ft vessel and can be used to cover signal black spots in vessels of carbon and metal construction. The integrated rechargeable battery enables easy placement around the vessel for short term use, whereas the 5v power lead allows permanent attachment.

SCALABLE AND VERSATILE

The OLAS system can be scaled to suite your vessel length whilst the OLAS transmitters are interchangeable with all OLAS receiver.

System	Maximum Vessel Length	Power	Maximum number of transmitters	Minimum time before alert	Functions
OLAS Mobile Application	40ft	N/A	6	8 sec	MOB Alarm and rescue aid
Core (+OLAS app)	50ft	5V USB	15	4 secs	MOB Alarm (+external alarm and rescue aid)
Guardian (+OLAS app)	50ft	12/24V wired	15	2 secs	Kill switch, MOB Alarm (+external alarm and rescue aid)
Extender (+Guardian/Core)	80ft	5V USB rechargeable battery	15	N/A	Extends the Core/Guardian range



Kill Switch

PHONE
40ft

GUARDIAN
50ft

CORE
50ft

EXTENDER
+30ft

CONTACT

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