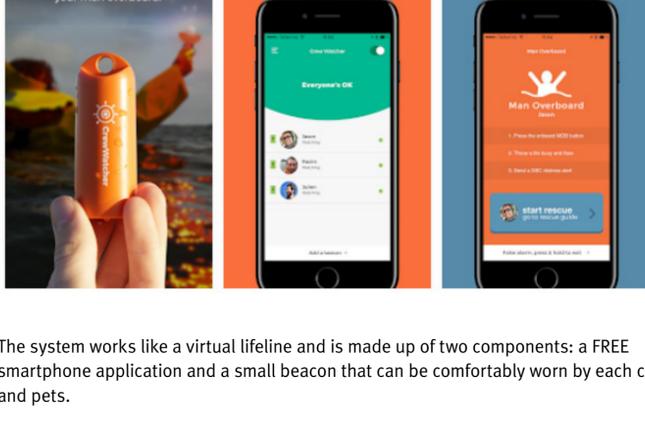




# Weems & Plath CrewWatcher®



The system works like a virtual lifeline and is made up of two components: a FREE smartphone application and a small beacon that can be comfortably worn by each crew and pets.

The beacon does not require complex manual activation. The alarm will trigger automatically in a Man Overboard (MOB) event.

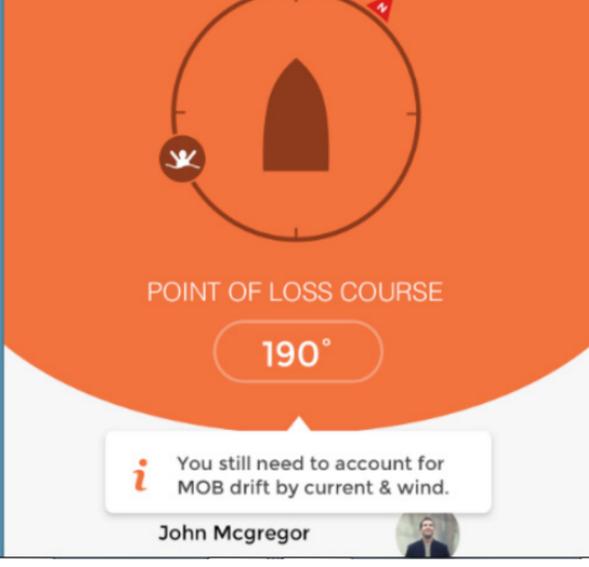
Should someone go overboard, the App will automatically sound an alarm, provide latitude & longitude coordinates of the MOB event, the time of the event, and will visually guide the rescuer back to the event location.

#### Notes:

- \* No cell service is required.
- \* The CrewWatcher app works exclusively with CrewWatcher beacons (up to 5 at a time)
- \* The app utilizes Bluetooth Low Energy (BLE, Version 4.0 and up) to communicate with CrewWatcher beacons. The maximum range is 200 meters (656 feet) line of sight.
- \* Continued use of GPS and Bluetooth running in the background can dramatically decrease battery life of your tablet or smartphone.

## MOB compass

Using the MOB compass, CrewWatcher visually guides you back to the point of loss requiring zero input while remaining portable. The MOB icon always moves relative to your boat. You just steer, get it dead ahead and watch it



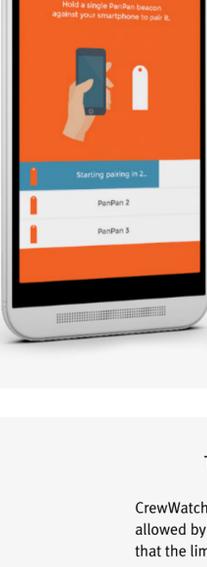
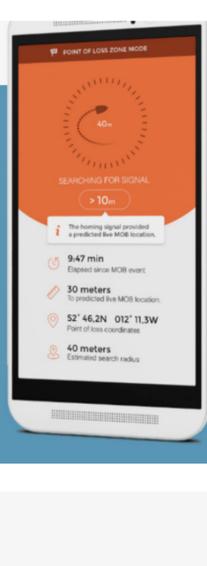
John McGregor

### Homing

Once at the point of loss, CrewWatcher will show your position within the estimated search radius along with the track you've covered within that radius.

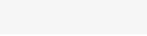
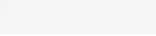
Simultaneously, it scans for the beacon's homing signal.

You will be alerted when the beacon re-establishes contact with the App.



### Set-up and forget

Set it up once. Simply hold the beacon against your phone and it will pair automatically using Bluetooth 4.0. After pairing, you can assign a name to each beacon to keep them apart.



### Preventing false alarms

#### The CrewWatcher mesh network

CrewWatcher beacons transmit at the power limit of what is allowed by the FCC for Bluetooth devices. However, we found that the limit is sometimes not enough.

The reliability of a Bluetooth connection can be hampered by obstacles between sender and receiver (beacon and smartphone)

As a remedy, we created the mesh network. In the network, data can be repeated over any beacon or smartphone in the CrewWatcher network, allowing the connection to find alternate paths and significantly extend its effective range.



### For everyone

CrewWatcher is for everyone. It's small enough to tuck away anywhere or attach to anything using the universal mounting hole. Gift it to your spouse, have peace of mind when sailing with kids or use the dog collar mount to provide your canine companion with additional safety. Equip the entire crew for the price of a single EPIRB.

### 30x faster than AIS

Response time can mean the difference between life or death in cold waters. Contrary to passive AIS beacons, CrewWatcher is actively monitoring the crew, sounding the alarm within 3 seconds from a man overboard.

A recent test by the Dutch sailing magazine "Zeilen" showed, AIS beacons typically take 1.5 but up to 15 minutes before a first MOB signal can be received due to the time it takes to get a "GPS fix."



### Automatic and Smart

The CrewWatcher alarm is automatically activated by detecting water or loss of signal. Even if a crew member gets dragged along on the side of the boat by a safety tether, you will technically still be in range but the water sensor will make sure the crew is alerted nonetheless. The water sensor is also smart, distinguishing rain or waves from a man overboard event.

### Long range

CrewWatcher beacons transmit at the very limit of what is allowed by the FCC, providing a 200 meter line of sight. This range is only meant to cover the boat and works together with the mesh network to prevent false alarms when encountering obstacles.

### System feedback

From the custom designed audio to the interface, you will be able to tell the systems status at a glance. Green = positive and everything is OK. Orange = attention required. Gray = inactive.

# PRESS RELEASE

## Weems & Plath®

Manufacturer of Fine Nautical & Weather Instruments

### FOR IMMEDIATE RELEASE

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CrewWatcher inventors, Julien Ranzijn and Jason Schol, and Weems & Plath Vice President of Sales, Drew Fleming, receive the DAME Design Award from Chairwoman of the DAME Jury, Birgit Schraase.

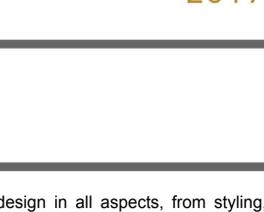
### Weems & Plath CrewWatcher Receives Prestigious DAME Design Award At 2017 METSTRADE, Amsterdam

CrewWatcher named Category Winner in Lifesaving and Safety.

November 15, 2017, Annapolis, MD — The Weems & Plath CrewWatcher man overboard (MOB) system ([CrewWatcher](#)) received the prestigious DAME Design Award in the Lifesaving and Safety category at the METSTRADE show in Amsterdam.

In choosing CrewWatcher for this award the DAME Jury said, "CrewWatcher should be the winner because of the particularly simple and intuitive user interface design of its smartphone app, and the way in which it seemed easy to use right out of the box."

CrewWatcher is a revolutionary, app-based crew overboard alarm system that is the fastest way to rescue a person who is overboard. The system works like a virtual lifeline and is made up of two components: a smartphone application and a small beacon that can be comfortably worn by each crew. The beacon does not require complex manual activation. The alarm will trigger automatically in a man overboard event. Should someone go overboard, it will automatically sound an alarm, provide lat/long coordinates of the MOB event, the time of the event, and will visually guide the rescuer.



The DAME Design Award is the largest marine competition of its kind anywhere in the world.

It focuses attention on the art and science of design in all aspects, from styling, functionality, and innovation, through to ease of implementation, practicality of use – and even packaging.

"Receiving this highly coveted award is an honor and would not have been possible without the hard work and commitment of the whole CrewWatcher team," said Weems & Plath CEO, Peter Trogdon. "I couldn't be more pleased with this recognition of our commitment to bringing new technologies to market that improve our customers' safety while boating."

**About The DAME Award:** Now in their 27th edition, the DAME Awards are unrivaled in their ability to promote a wide range of marine equipment design, stimulating everything from aesthetics to functionality, integration to packaging, and price efficiency to lifecycle management. There is a steady stream of new and exciting products for the JURY to examine: this reflects the successes achieved by exhibitors at the METSTRADE Show as they continue to push boundaries and work to match the ever-increasing expectations of the marine industry's customers and its supply chain.

**About CrewWatcher:** CrewWatcher is a revolutionary, app-based crew overboard alarm system that is the fastest way to rescue a person who is overboard. The system works like a virtual lifeline and is made up of two components: a smartphone application and a small beacon that can be comfortably worn by each crew.

**Weems & Plath** has been a trusted manufacturer of fine nautical safety and navigation products since 1928 and is headquartered at 214 Eastern Avenue in Annapolis, Maryland, 21403.

\*\*End of Release\*\*