Weatherdock Comparison

1	Weatherdock easyONE

2	Ocean Signal rescueME AIS MOB1

Competition

The Intention is to display you the main facts of both devices to show considerable differences. This might be helpfull in your discussion with customers.
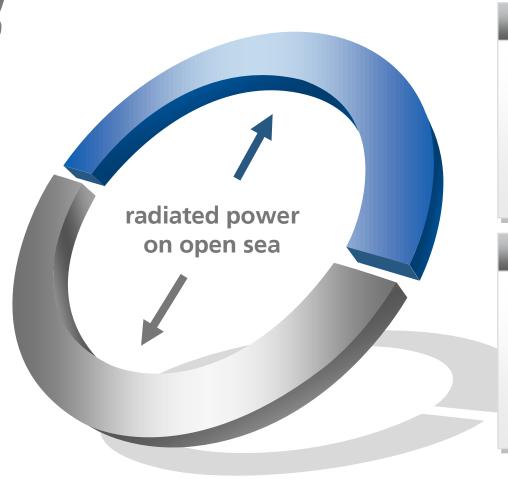
 # tested or meassured means:
both devices have been activated and used at the same place on the same time under the same conditions and data was received with the same equipment

 # stated means:
only written in manufactures manual

Competition

Weatherdock easyONE

RescueME AIS MOB1

Competition
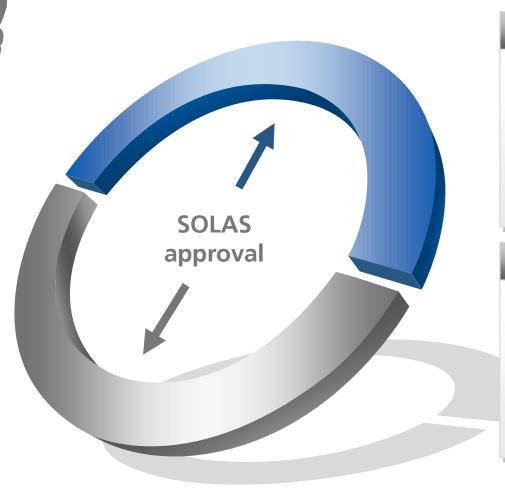
easyONE

- **1 Watt (messured)**

**radiated power
on open sea**

RescueME AIS MOB1

- **0.12 Watt (messured)**

Competition
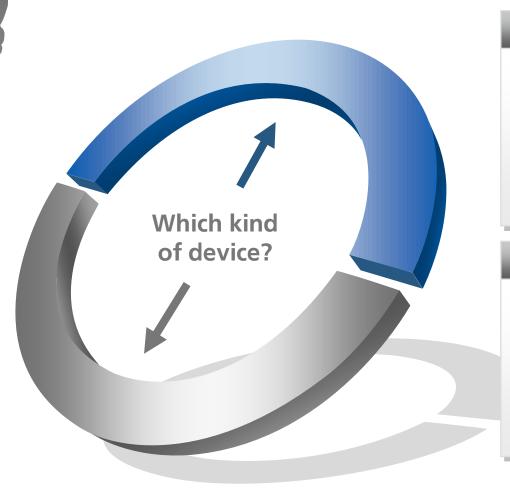
easyONE

- **No SOLAS approval**
- **For AIS MOB not required**

RescueME AIS MOB1

- **No SOLAS approval**
- **For AIS MOB not required**

SOLAS approval

Competition

easyONE
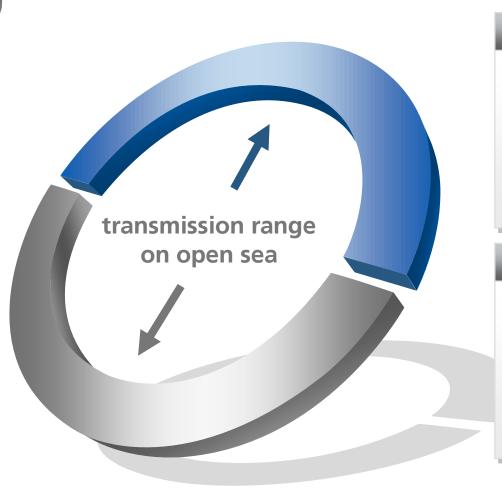
- **AIS MOB**
- **Safety message 14 correct „MOB active" in distress mode**

Which kind of device?

RescueME AIS MOB1

- **AIS MOB with DSC**
- **Safety message 14 not correct: Misreport: „MOB ACTIVE DOOOOOO or MOB ACTIVE DHP"**

Competition

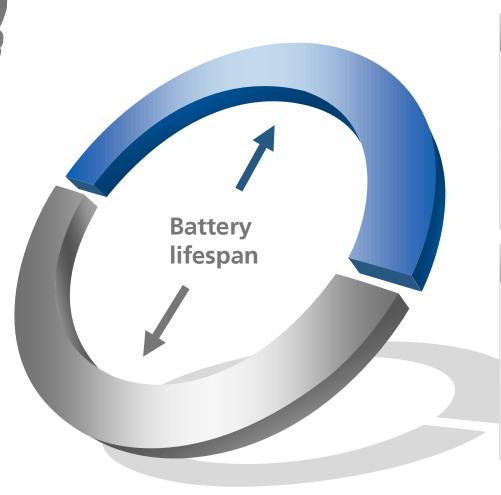## easyONE

- **Range up to 7 nautical miles (tested)**
- **Receiving antenna height of 5 meter**
- **Transmitter with automatical life vest in water**

RescueME AIS MOB1

- **5 nautical miles (only stated, not tested)**
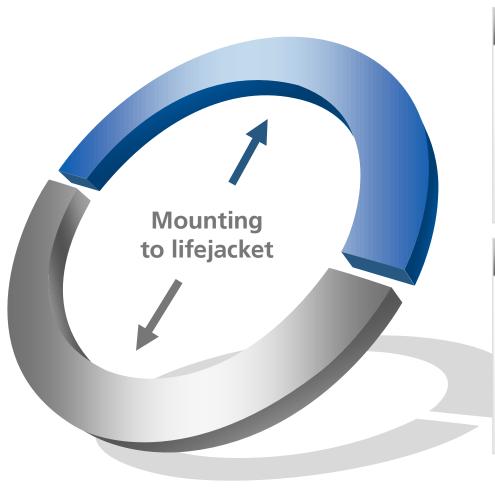
transmission range on open sea

Competition

easyONE

- **36 hours after activation ➔ Important for usage in live rafts or life boats!**
- **7 years battery life**
- **More than 30 test activations**

RescueME AIS MOB1

- **24 hours after activation**
- **7 years battery life**
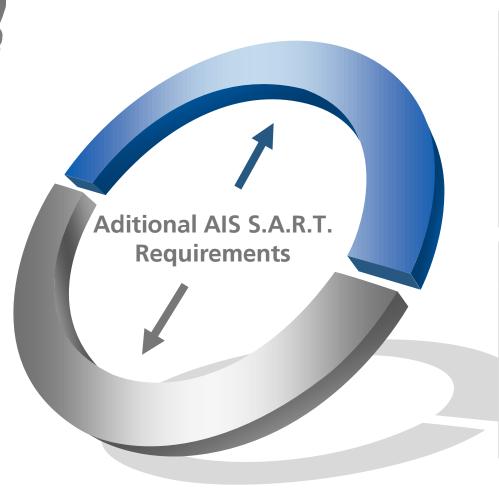- **Number of tests not specified.**

Battery lifespan

Competition

easyONE

- **No installation required**
- **Simply insertation of the device into the life vest**
- **No fixed modification on life vest**

**Mounting
to lifejacket**

RescueME AIS MOB1

- **Installation required**
- **Complex mounting process**
- **Time intensive**
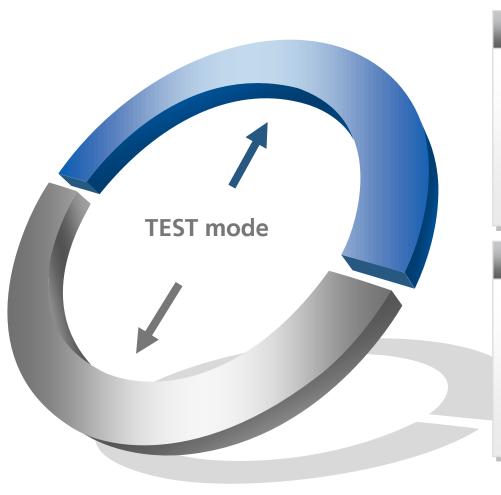- **Many details to be observed in the installation**
- **Fixed modification on life vest**

Competition

Aditional AIS S.A.R.T. Requirements

easyONE

- **Floating: ok**
- **Waterproof down to 10 meter: ok**
- **TTFF (time to first fix) 30 – 40 seconds: ok**

RescueME AIS MOB1

- **Non-floating: not ok**
- **Waterproof down to 10 meter: ok**
- **TTFF 30 to 50 seconds: ok**

Competition

easyONE
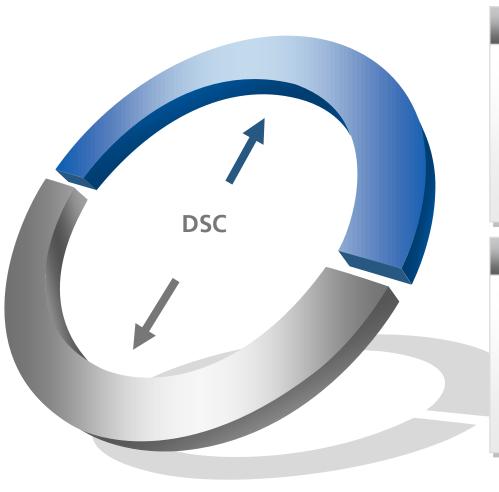
- **AIS MOB**
- **Safety message 14 „MOB Test"**

RescueME AIS MOB1

- **AIS MOB**
- **Safety message 14 not correct „MOB Test Doooooo"**

TEST mode

Competition

DSC

easyONE

- **No DSC functionality**

RescueME AIS MOB1

- **DSC functionality but in TEST-mode „routine call" instead of TEST message.**
- **No open-loop DSC transmission**
- **Not conform to DSC standards**

Competition

easyONE

- **AIS MOB**
- **36 h transmission after activation**
- **Radiated power: 1 Watt (messured)**
- **100% floatable**

RescueME AIS MOB1

- **AIS MOB + DSC**
- **Does not fullfilled the norms which regulate DSC devices**
- **24 h transmission after activation**
- **Radiated power: 0.12 Watt (messured)**
- **Antenne had a bad fixing point**

Conclusion

The easyONE has best performance characteristics in AIS MOB class.

RescueME has got a very bad performance and the target benefit by implementing DSC functionality is not valuable because DSC is not conform to given DSC standards.