



World's first Personal Rescue Transmitter
with AIS SART + Iridium® Satellite alert
including additional DSC distress call

powered by



SOLAS approved SAT alert in combination
with local AIS alerting and DSC distress
call functionality - the world first new
easyRESCUE transmitter runs all systems.

The easyRESCUE-SAT-MOB is the world's first sea rescue transmitter with AIS MOB alert, DSC distress call and Satellite Alert powered by Iridium®

The new easyRESCUE-SAT-MOB will be the world first emergency beacon combining local AIS alerting with DSC distress call functionality and SAT alerting via the Iridium® satellite network in just one single device. This enables the MOB person to alert the own mothership via DSC, to alert all local vessels and to alert an MRCC via satellite distress functionality.

Function

The easyRESCUE-SAT-MOB is a battery driven sea rescue transmitter which is ready to be used within an automatic life jackets.



In case of automatic activation by means of rip cord or water contact (when submerged), the unit starts automatically to transmit AIS, DSC

distress call and Iridium® SAT alerting in parallel.

AIS

Via AIS emergency message all vessels with AIS receiver aboard in the vicinity of 10-15nm, including mothership, are informed about the distress situation. Updated every minute, this alert message contains current GPS position as well as COG and SOG of the victim in the drift.

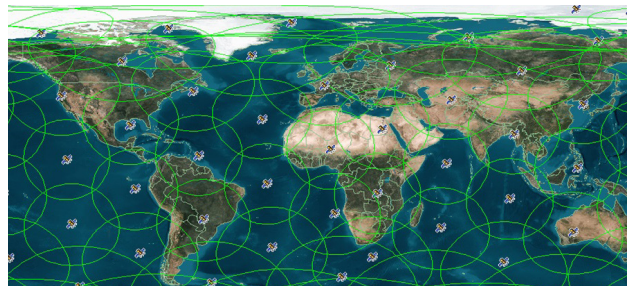
DSC

Via DSC distress call up to 8 different vessels get a first alerting call within seconds after activation. The different MMSI numbers can be pre-programmed into the easyRESCUE-SAT-MOB. After the GPS fix is given, a second DSC distress call is send out in „closed loop“, containing the GPS position of the victim. For the next 10 minutes, the „closed loop“ crews (pre-programmed vessels), are able to acknowledge the incoming distress call.

If there is no acknowledgement after 10 minutes, the unit switches automatically into „open loop“ transmitting an „all ships call“ to everybody into the GMDSS rescue chain. This distress call can be relayed by commercial vessels to forward the alert to a coastal MRCC (maritime rescue coordination center).

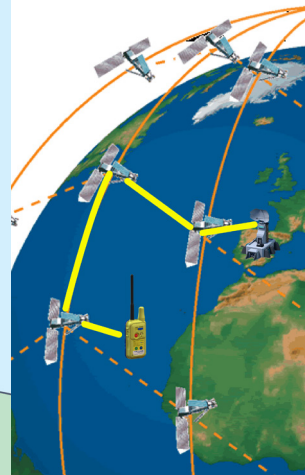
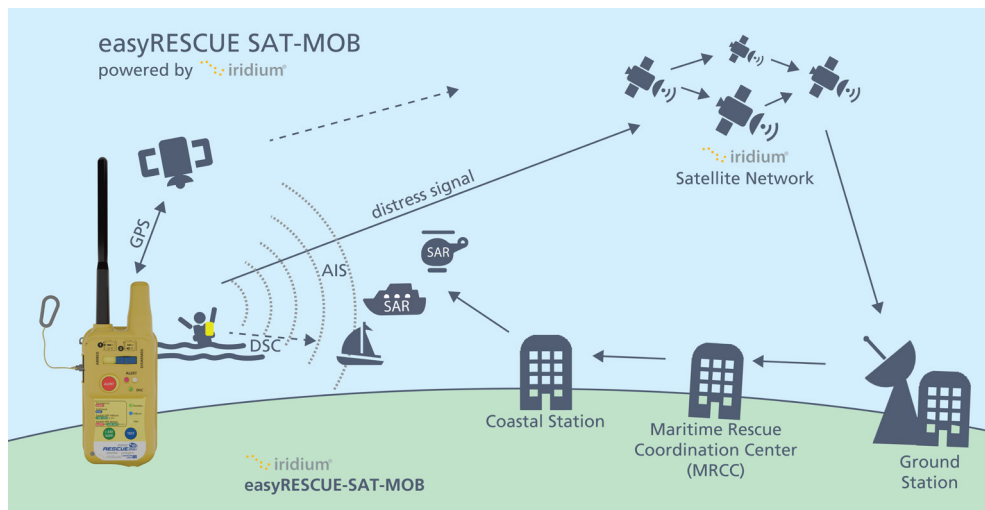
Iridium

Parallel to AIS and DSC, a satellite based distress call is send out to one of the Iridium® satellites creating the world wide Iridium® satellite network. This network guarantees a 100% coverage. By means of the Iridium® satellite network, the distress call is forwarded in real time to a ground station and then to the nearest MRCC. As soon as the distress alert is transmitted and processed, an acknowledgement will be sent by the system so you will know that help is on the way.



Highlights

- ✓ Future technology with iridium satellite network functionality
- ✓ No latency for satellite availability
- ✓ 100% world wide coverage
- ✓ No annual fee
- ✓ AIS local alerting
- ✓ DSC distress call
- ✓ Automatic activation
- ✓ GPS position update every minute
- ✓ Battery driven
- ✓ 96 h operation time (AIS)
- ✓ ⚙️ SOLAS certification
- ✓ Ready for automatic life jackets
- ✓ Part #: Ao4022



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Safety • Navigation • Tracking



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