

easy 
RESCUE 
DIVE PRO



Get the feeling:
feel **SAFE** and **SHELTERED!**



Emergency transmitter with two way
transmitting: „closed user report“ or
official „AIS S.A.R.T. Alert“

easyRESCUE-DIVE-PRO

get the feeling - feel SAFE & SHELTERED!

The tiny portable transmitter unit easyRESCUE-DIVEpro can be worn on the vest during the dive. Don't panic, it is water-resistant to more than 100 meters!

The unit is developed out of the AIS S.A.R.T. emergency beacon easyRESCUE-DIVE for safari boats as well as diving bases. The unit of each member of the diving group will be activated before diving and handed out with specific briefing „how to use“. A persistent position report will be sent by every unit received by the diving boat or diving center. By means of position report the diving group could be tracked on water surface to be „insight“.

Function

If the group appears out of sight of the diving boat, the diving master takes out his transmitter, unfolds the antenna and lifts up the unit as high as possible. The diving boat will get the current position to drive by and pick up the whole group.

If the case described above occurs, on water surface the lost diver takes out his easyRESCUE-DIVEpro, unfolds the antenna, pushes the slider down and presses the ALERT button. Via VHF radio the dive boat receives detailed information regarding the exact GPS position of the diver along with his/her Course Over Ground (COG) and Speed Over Ground (SOG) if he/she is drifting. This information is updated every minute. Just fix the unit at the carried along „ALERT BUOY“ or reach you arm out of the water as high as possible.

Scenario as followed is running in the background: The easyRESCUE-DIVEpro with its built-in GPS receiver will get a fix within the next 35 seconds after activation. With this fix the actual GPS position is transmitted with an formal emergency telegram on two world wide stadardized VHF frequencies. The data within this emergency telegram will be received by every AIS equipped vessel in the range of the victim. Radiation range depends on the height of the receiving antenna. Range up to 10 nautical miles or more is possible.

Since 2007 for every commercial vessel of more than 300 BRT and/or 12 people crew/passanger having AIS system aboard is mandatory by law. Each year the number of pleasure boats using AIS system as well is increasing, because the pleasure boaters want to have all information regarding the commercial vessels for better and safe navigation.

All these vessels do receive the emergency telegram as a position report on the chart plotter or PC screen and can assist with fast and effective help.



How to run

The easyRESCUE-DIVEpro is ready to use!

To use the transmitter in the best possible way you'll need an „Alert marker buoy“ which is already mandatory by law in many regions, to fix the unit as high as possible.

The Transmitter itself does not need any registration or login to any authority. Frequencies for position report are different. The units will be pre-programmed for your diving spot.

Highlights

- SOLAS Certified AIS S.A.R.T. emergency transmitter
- Based on international used VHF technology
- Alerting call to diving boat
- World wide standardized emergency call
- Waterproof down to more than 100 m/300 feet diving depth
- Integrated GPS receiver
- GPS accuracy 3 - 10 m/10 - 30 feet
- No registration required
- No additional costs
- No personal VHF certificate required

Technical Data

- Radiated power: 0,5 Watt
- Operation temperature: -20°C - 55°C
- Dimensions (L/W/H): 128 x 76 x 32 mm
- Weight: 380 gr
- Battery lifetime: 10 years
- Battery capazity in „Alert mode“: 45 hours
- Part #A04006



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Stand: 05/2022 - subject to alterations

EXCELLENCE IN RADIO TECHNOLOGIES
Safety • Navigation • Tracking

