

NORTHERN DIVER

MINE WARFARE & MILITARY DIVING SPECIALISTS

DAMSEL

Divers Air Monitoring System



Monitoring air pressure and supply is of paramount importance for all divers and has previously always been the sole responsibility of each individual, but what if this information could be monitored from the surface too?

Northern Diver's innovative DAMSEL system makes this possible.

The first of its kind, the DAMSEL system continuously monitors both the diver's main air supply and their bailout supply, plus dive depth with live readings. This significantly reduces the likelihood of emergency situations, as via an underwater communication system, dive instructors and trainers can now quickly use this information to communicate instructions to any diver who requires assistance relating to their air pressure and supply.

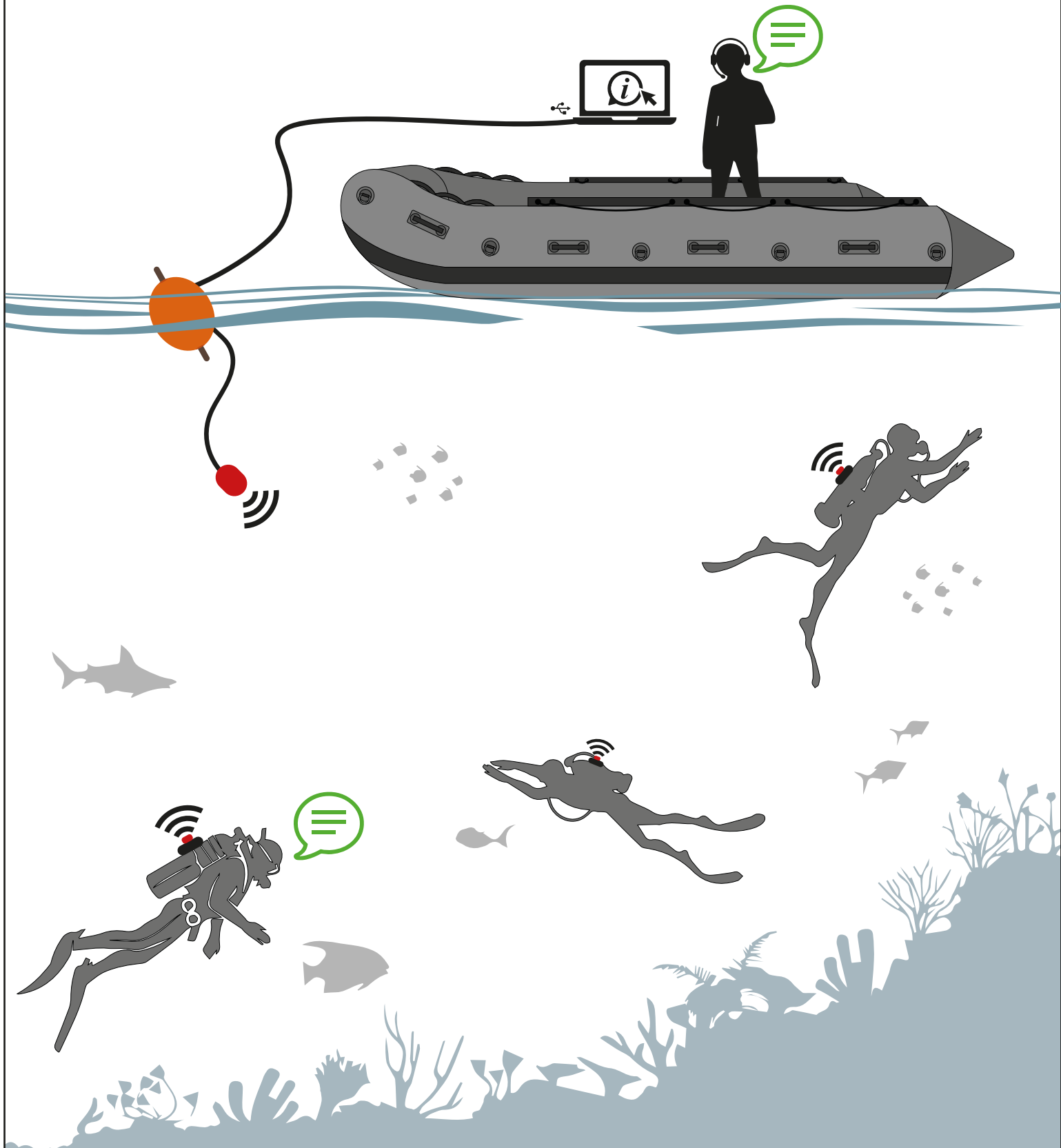
The safety of those in the water need never be compromised again, particularly in training scenarios, as the DAMSEL can monitor up to 12 divers at time, ensuring dive instructors can remain informed and alerted to any issues below the surface.

- > Designed for the Military
- > Can be used in any training/diving scenario
- > Keeps divers safer underwater
- > Can be used in addition to a Switch Block
- > Monitor up to 12 divers
- > Gives live up to date readings
- > Prevents accidents under the surface

DAMSEL

How the system works . . .

The dive trainer can monitor all of his teams main air supply and their bail out supply continuously, plus dive depth with live up to date readings. Using an underwater communications system the trainer can speak any one of the divers to advise which reduces accidents and helps with training.



DAMSEL

What's supplied ...



DAMSEL unit with acoustic modem



Waterproof USB cable and acoustic modem



Pressure sensor (2 if using bail out cylinder)



High vis float



Cam bands to attach DAMSEL to cylinder

Northern Diver Diver Air Monitoring System - Supervision Console - v1.04

| | M1 | | M2 | | M3 | | M4 | | M5 | |
|---------------|-----|------|-----|------|----|----|----|----|----|----|
| Cylinder | B1 | B2 | B1 | B2 | B3 | B3 | B4 | B4 | B5 | B5 |
| Pressure(bar) | 210 | 212 | 182 | 198 | | | | | | |
| Indicator % | 091 | 091 | 078 | 085 | | | | | | |
| depth/battery | 0 | 15.9 | 2 | 16.2 | | | | | | |

DAMSEL software (Windows compatible)

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