

Vereisungserfahrungen

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Subject: Antarctic Regs

Message:

Here is a chart of regulator performance from tests conducted by **US Antarctic Program** from '89 thru '95. The data was accumulated by Jeff Bazanic and Jim Mastro.

All dives were conducted in **McMurdo Sound, Antarctica**. Water temp range -1.9C to -1.2C. All failures were due to free flow.

FFM (full face masks) dives were done in **Dry Valley lakes**. Water temp 0C. Based on these tests, USAP now issues Maximus regulators. As mentioned earlier, we have had NO failures for past two seasons having made approximately 2000 dives on the regs during that time. Hope the information is of value.

Rob Robbins
Scientific Diving Coordinator
US Antarctic Program

Regulator Type	# Dives	# Failures	% Failure
Sherwood Maximus	1341	23	1.7%
Sherwood Blizzard	2	2	100.0%
Poseidon Cyklon 300	710	40 5.	6%
Poseidon Odin [Jetstream]	270	15	5.6%
US Divers RAM	259	45	17.4%
US Divers Arctic Supreme	7	4	57.1%
US Divers Pro Diver	3	2	66.7%
US Divers Conshelf Supreme	7	4	57.1%
Scubapro Mk10/G200	27	13	48.1%
Scubapro Mk10/D350	17	3	17.6%
Scubapro Mk200/G200	8	8	100.0%
Scubapro Mk10/D400	7	1	14.3%
Scubapro Mk10/Polar	6	2	33.3%
Scubapro Mk10/G250	1	1	100.0%
Dacor Extreme Ice	25	4	16.0%
Mares MR-3	2	2	100.0%
DSI EXO-26 FFM	106	11	10.4%
AGA FFM	12	0	0.0%
Totals	2989	178	6.0%