

APPENDIX K FAU DBSC APPROVED DIVING EQUIPMENT

In accordance with the American Academy of Underwater Sciences' (AAUS) "Standards for Scientific Diving," the FAU Diving and Boating Safety Committee is required to specifically approve regulators, dive tables and dive computers used by members of the FAU scientific diving program. Additionally, the AAUS Standards also state that divers must use "approved" depth gauges. (*Reference: Section 3.20, AAUS Standards for Scientific Diving*)

Regulators

The FAU Diving and Boating Safety Committee specifically approves the use of all commercially available diving regulators, provided the following conditions are met.

1. The diver purchased the regulator "new" from a commercial outlet.
2. If the diver purchased the regulator "used" from a commercial or private entity, the regulator has been serviced by a certified technician and approved by the FAU Diving Safety Officer.
3. The regulator is inspected and tested prior to first use and every 12 months thereafter.
4. Regulators will consist of a primary second stage and an alternate air source (such as an octopus second stage or redundant air supply).
5. The regulator is not subject to a manufacturer's or a Consumer Product Safety Commission's recall. (See www.cpsc.gov search term "SCUBA dive" or "manufacturer's name")

Dive Tables and Dive Computers

The FAU Diving and Boating Safety Committee specifically approves the use of the following dive tables and computers.

1. Navy, NAUI, NOAA, PADI, and SSI non-decompression dive tables.
2. Other dive tables as approved by the DSO.
3. Dive computers from the following manufacturers:
Aeris, AquaLung, Cressi-Sub, Cochran, Mares, Oceanic, and Uwatek, Suunto, Genesis
provided the specific model is not subject to a manufacturer's or a Consumer Product Safety Commission's recall:
4. Dive computers from manufacturers other than those listed above must be approved by the DSO.
5. All dive planning software must be reviewed and approved by the DSO prior to use.

Depth Gauges

The FAU Diving and Boating Safety Committee specifically approves the use of all commercially available depth gauges, provided the following conditions are met.

1. The diver purchased the depth gauge "new" from a commercial outlet.
2. If the diver purchased the depth gauge "used" from a commercial or private entity, the depth gauge has been inspected and approved by the FAU Diving Safety Officer.
3. The depth gauge must be tested at depth against a gauge(s) that is(are) known to be working prior to being placed in service and every 12 months thereafter.
4. The depth gauge is not subject to a manufacturer's or a Consumer Product Safety Commission's recall. (See www.cpsc.gov search term "SCUBA dive" or "manufacturers name")

See next page for Statement of Understanding

Diver's Equipment Inspection Requirements

Divers must ensure that the following equipment is inspected by a qualified technician at these minimum intervals and that service records are forwarded to the DSO. However, divers must also forward copies of service records for any other diving equipment modification, repair, test, calibration, or maintenance service performed to the DSO for inclusion in the diver's file.

Regulators: Inspected and Serviced – 12 months

Buoyancy Compensating Devices: Inspected and Serviced – 12 months

SCUBA Cylinders*: Internal Visual Inspection – 12 months;
Hydrostatically tested – 5 years

** Records for cylinders not owned by divers or the University need not be submitted to the DSO; however, divers must ensure that such cylinders are properly inspected and tested before use.*

Diver's Statement of Understanding Regarding Equipment Requirements

I, _____, hereby acknowledge that I understand and will follow the equipment requirements as specified in the Florida Atlantic University Diving and Boating Safety Diving Manual and use only equipment specified on the Approved Equipment List. I will only dive with equipment with which I have been properly trained and with which I am comfortable. Furthermore, I will service my equipment periodically as required and at any time that the performance or integrity of the equipment is in question. I will not perform a dive without the proper complement of equipment appropriate to the dive conditions, nor will I use experimental equipment as my primary gear. I will always dive with an approved alternate air source, timing device, and dive buddy. I understand that I (or my lead diver) must always submit a dive plan to the Diving Safety Officer (DSO) before diving and that the DSO can may establish further additional requirements as deemed necessary for the particular diving environment.

Date