



LUMCON
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To: LUMCON Divers
From: Lora Pride, Dive Safety Officer
Re: Update
Date: 01/28/10

As you may be aware, The American Academy of Underwater Scientists (AAUS) is the recognized regulating body for scientific divers across the US. At a minimum, divers operating under AAUS need the following:

- 1) Proof of diver training to the level of Open water I, plus 5 logged open water dives.
- 2) Completed application and diver resume.
- 3) Medical examination including: chest x-ray (initial exam only), resting EKG (initial exam only), fasting blood chemistry (CBC, lipid, etc), spirometry (initial exam only), and urinalysis. The examination needs to be repeated every 5 years for divers under the age of 40, every 3 years for divers over 40, and every 2 years for divers over 60. Although some tests are only required on the initial exam at the time of application, it is recommended that all tests be repeated at every physical.
- 4) Qualified inspection of all dive gear.
- 5) Emergency care training including: cardio-pulmonary resuscitation (CPR), first-aid, and emergency oxygen administration (Divers Alert Network or similar training).
- 6) Current Divers Alert Network (D.A.N.) dive insurance.
- 7) Swim test including: swim 400 yards unassisted in less than 12 minutes; tread water for 10 minutes; swim 25 yards unassisted underwater without surfacing; transport another person of equal size unassisted 25 yards through the water.
- 8) Completed and passed written examination.
- 9) Open water check out dive.

These are the minimum requirements to be considered for certification as "Diver In Training". Certifications at higher levels, including "Scientific Diver", require additional training and experience. Diver certifications also carry depth restrictions (30, 60, 100, 130 fsw) depending on experience.

On our dive website homepage under "login to access diver functions", we have a new and more efficient dive logging system for divers to use. If you logged dives through LUMCON in 2009, you already have a username and password. If you did not, regardless if you have had a user profile at any time in the past through LUMCON, you will need to create a new account and password, and fill in all the information requested under "my profile". Your dive plan will not be approved until your profile has been completed. All dive plans should be directed to me at least 72 hrs in advance of the planned dive, and any new divers should contact me at least 2 months before any planned dive operations. I will be reviewing all files in 2010 to determine certification levels and depth limits for divers. As the review process unfolds, I may ask for check out dives, pool evaluations, and/or updated paperwork.

My goal is to keep everyone safe and in the water.

-Lora

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