



Deep Air Diver

This program has been developed to provide responsible training to divers who plan to dive to 130 fsw (39 msw) on air.

The IANTD Deep Air Diver program trains divers in skills, performance, theory and planning of deep dives.

This program remains within the commonly practiced depth of 130 fsw (39 msw).

It is the first sanctioned program to provide proper international training in safe deep diving skills and performance.

It is recommended that this program be taught in conjunction with the IANTD EANx Diver program.

Course Pre-requisites

1. Advanced Open Water Diver certification from a recognized training agency
2. Minimum age: 18 years
3. Nitrox diver certification from a recognized training agency
4. Have a minimum of 20 logged dives

Course Details

There are two evenings of Knowledge Development & the topics covered include:

- Oxygen
- Dive fitness
- Nitrogen Narcosis
- Hypothermia
- Decompression Theory
- Eating for diving fitness - antioxidants
- Deep diving breathing techniques
- Equipment configuration
- Dive planning and gas management
- Physiological and Psychological considerations for deep diving

The practical element of the course involved five dives. The first is a check out dive under a pier where new skills are demonstrated and learnt. The next four dives are boat dives to a maximum depth of 39m where the skills are developed and demonstrated under the watchful eye of your instructor. Over the duration of the course you will learn many new diving skills out in the open water that will make you a safer and a more confident diver:

- Lift bag deployment
- Out of air scenarios
- Air sharing techniques
- Equipment failures
- Timed ascents
- Gear removal and replacement
- Valve shutdowns
- Swim a distance at depth without a mask
- Calculate RMV at depth
- Perform decompression stops
- Accurate hover
- Propulsion techniques

Description

IANTD Deep Air; first you must set a limit for what is deep, and that depends on the goals of the diver. For the purpose of training in this course it is 130 feet and just because you may have dived to these depths before does not mean there is nothing to learn from this program. There are a number of common reasons why divers are continuing to pursue this level of advanced diver training.

One of the main reasons divers are taking the IANTD 'Deep Air' course is they are curious about technical diving but just do not know (but would like to find out) what it will offer for them. Another reason many experienced recreational divers enroll are they know they would like to enter the world of technical diving but need to learn the basics and even break some bad habits they have learned along the way.

For divers who have no desire at all to go on to technical diving then this program will safely train you to dive in the range from 60 to 130 feet.

The course is outlined as a 4 days program with about 6 hours of classroom and dive briefing. Open Water training will include 4 dives to a maximum depth of 130 feet/40 meter while breathing air and using a Nitrox mix up to 40% for decompression.

During the course we will practice different decompression techniques for different diving environments, technical dive gear can be used for students.

The maximum group size is 4 students per instructor and after completion and certification of this course, divers will be issued a certification card as well as being qualified to plan and safely execute dives to the limit of training while using different equipment configurations, air, and nitrox. The next step in advanced diver training is the Advanced Nitrox Course.

Equipment requirements

Students are expected to have the following though we do have equipment for rental

- 1 back-gas regulator set (Primary 7 feet hose, secondary w bungee cord)
- 1 stage regulator (1 O2 cleaned)
- 2 Depth gauge/timing device or computer
- 2 SPG's (1 O2 clean)
- Back plate/harness
- Wings (redundant) with at least 35lb lift
- Exposure suit protection (recommended 5mm to 7 mm full length and hood)
- Slates
- Clips
- 1 line cutters
- Reel with lift bag/SMB

Scope

- Theory 2 sessions (7pm to 9pm)
- Pool session
- Exam
- In-water 4 dives w a min. of 100 min bottom time

Course Fee

Overseas Training S\$650.00 per person + S\$20 fuel surcharge

Include usage of stage bottle with Nitrox, Deep air diver manual, accommodation, food, transfers and training dives.