

# **SPORT DIVER**

## **STANDARDS & PROCEDURES MANUAL**

### **(OPEN CIRCUIT)**



**REVISED: OCTOBER 10TH 2023**

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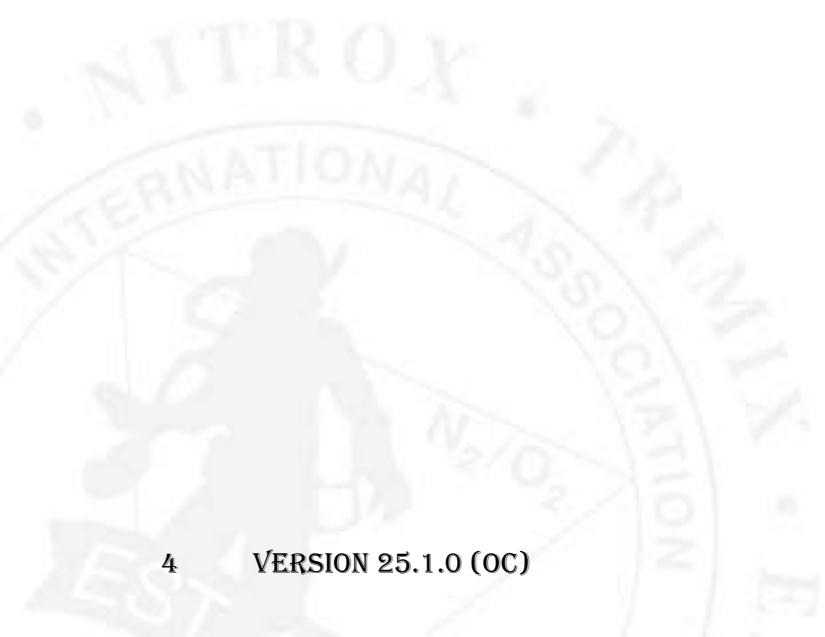
IAND, Inc. dba IANTD wishes to thank all of the members of the BOA both past and present for their contribution to these standards. While some leaders in the diving world have decided to receive the honor of Emeritus BOA member, their contributions are noted fully and their assistance in development of these standards and to diving are very much appreciated and respected

# CONTENTS

<b>IANTD International Board of Directors .....</b>	<b>6</b>
<b>IANTD International Advisors .....</b>	<b>6</b>
<b>IANTD International Emeritus Board of Advisors .....</b>	<b>6</b>
<b>IANTD World Headquarters .....</b>	<b>6</b>
<b>IANTD International Licensees .....</b>	<b>6</b>
<b>IANTD General Statement of Objectives .....</b>	<b>10</b>
<b>IANTD Training Philosophy .....</b>	<b>11</b>
<b>IANTD Standards Development Procedures .....</b>	<b>12</b>
<b>IANTD Non-Student Divers on Training Dives .....</b>	<b>12</b>
<b>IANTD Professionalism .....</b>	<b>12</b>
<b>IANTD Ethics Standard for Electronic and Written Public Media .....</b>	<b>13</b>
<b>Administrative Requirements .....</b>	<b>13</b>
<b>International Qualifications (Cross-Border Policies) .....</b>	<b>15</b>
<b>IANTD Quality Assurance Program .....</b>	<b>16</b>
<b>Definitions and Terms used by IANTD .....</b>	<b>21</b>
<b>Sport Diver Programs - General Standards .....</b>	<b>25</b>
<b>IANTD Open Circuit Student Watermanship Evaluation Form .....</b>	<b>29</b>
<b>Confined Water SCUBA Experience .....</b>	<b>31</b>
<b>Open Water SCUBA Experience .....</b>	<b>32</b>
<b>Supervised Diver .....</b>	<b>33</b>
<b>Open Water Diver / Open Water EANx Diver .....</b>	<b>36</b>
<b>Advanced Open Water Diver .....</b>	<b>40</b>
<b>Rescue Diver .....</b>	<b>42</b>
<b>Enriched Air Nitrox (EANx) Diver .....</b>	<b>45</b>
<b>Recreational Trimix Diver .....</b>	<b>47</b>
<b>Deep Diver .....</b>	<b>49</b>
<b>Elite SCUBA Diver .....</b>	<b>52</b>
<b>Automatic External Defibrillator (AED) .....</b>	<b>54</b>
<b>Boat Diver .....</b>	<b>55</b>
<b>Complex Navigation Diver .....</b>	<b>57</b>
<b>Cardio Pulmonary Resuscitation (CPR) .....</b>	<b>59</b>

<b>Deep Deco Diver .....</b>	<b>60</b>
<b>Diver First Aid .....</b>	<b>63</b>
<b>Diving Medical Technologies .....</b>	<b>64</b>
<b>Diving Skills for Photogrammetry .....</b>	<b>65</b>
<b>Drift Diver .....</b>	<b>67</b>
<b>Dry Suit Diver .....</b>	<b>69</b>
<b>Full Face Mask Diver .....</b>	<b>71</b>
<b>Full Face M-48 MOD-1 Mask Diver .....</b>	<b>73</b>
<b>Full Face Ocean Reef Mask Diver .....</b>	<b>75</b>
<b>Marine Ecology Diver .....</b>	<b>77</b>
<b>Marine Ecology Specialized Diver .....</b>	<b>79</b>
<b>Night Diver .....</b>	<b>80</b>
<b>Non-Penetration Wreck Diver .....</b>	<b>82</b>
<b>Open Water DPV Diver .....</b>	<b>84</b>
<b>Open Water Nomad Sidemount Diver .....</b>	<b>86</b>
<b>Open Water SEACRAFT DPV Diver .....</b>	<b>89</b>
<b>Open Water Sidemount Diver .....</b>	<b>91</b>
<b>Open Water Toddy-Style Sidemount Diver .....</b>	<b>93</b>
<b>Oxygen Administrator .....</b>	<b>96</b>
<b>Recreational Essentials Diver .....</b>	<b>97</b>
<b>Scientific Diver .....</b>	<b>101</b>
<b>Specialty Diver .....</b>	<b>104</b>
<b>U/W Action Camera Diver .....</b>	<b>105</b>
<b>U/W Photography Diver .....</b>	<b>107</b>
<b>U/W Theatrical Performer (OC, Long Hose Breathing) .....</b>	<b>109</b>
<b>U/W Videography Diver .....</b>	<b>111</b>
<b>Wall Diver .....</b>	<b>113</b>
<b>Adaptive Confined Water SCUBA Experience Program .....</b>	<b>116</b>
<b>Adaptive Open Water SCUBA Experience Program .....</b>	<b>118</b>
<b>Adaptive Supervised Diver Program .....</b>	<b>120</b>
<b>Adaptive Open Water/Adaptive Open Water EANx Diver Program .....</b>	<b>123</b>
<b>Adaptive Advanced Open Water Diver Program .....</b>	<b>126</b>
<b>Leadership, Instructor, CD &amp; IT Programs General Standards .....</b>	<b>130</b>
<b>Sport Diving Instructor Watermanship Form .....</b>	<b>136</b>

<b>Divemaster .....</b>	<b>138</b>
<b>Assistant Instructor .....</b>	<b>141</b>
<b>Open Water and Open Water EANx Instructor .....</b>	<b>144</b>
<b>Automatic External Defibrillator (AED) Instructor .....</b>	<b>148</b>
<b>Cardio Pulmonary Resuscitation (CPR) Instructor .....</b>	<b>149</b>
<b>Diver First Aid Instructor .....</b>	<b>150</b>
<b>Oxygen Administrator Instructor .....</b>	<b>151</b>
<b>Elite Scuba Diver Instructor .....</b>	<b>152</b>
<b>Kirby Morgan M-48 MOD-1 Instructor .....</b>	<b>153</b>
<b>Ocean Reef Full Face Mask Instructor .....</b>	<b>154</b>
<b>Open Water DPV Instructor .....</b>	<b>155</b>
<b>Open Water Nomad Sidemount Instructor .....</b>	<b>156</b>
<b>Open Water Sidemount Instructor .....</b>	<b>157</b>
<b>Open Water Toddy-Style Sidemount Instructor .....</b>	<b>158</b>
<b>Recreational Trimix Instructor .....</b>	<b>159</b>
<b>Specialty Instructor .....</b>	<b>161</b>
<b>Underwater Theatrical Performer Instructor .....</b>	<b>163</b>
<b>Assistant Course Director .....</b>	<b>164</b>
<b>Course Director .....</b>	<b>166</b>
<b>Open Water EANx Instructor Trainer .....</b>	<b>168</b>



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### IAND, INC. dba IANTD Standards and Procedures Manual

Neither the authors nor the Board of Directors, Board of Advisors, or any party associated with the International Association of Nitrox Divers, Inc. dba IANTD will accept responsibility for accidents or injuries resulting from use of the materials contained herein or the activity of SCUBA diving utilizing open, closed and/or semi-closed circuit equipment or breathing compressed air, or alternative breathing mixtures, including combinations of Oxygen, Nitrogen, Helium and/or Neon.

SCUBA diving, including the use of compressed air and any gas mixture underwater, is an activity that has inherent risks. An individual may experience injury that can result in disability or death. Variations in individual physiology and medical fitness can lead to serious injury or death even with adherence to accepted standards of performance, specified oxygen limits, and the correct use of dive tables and computers. All persons who wish to engage in scuba diving must receive instruction from a certified instructor and complete nationally recognized requirements in order to be certified as a scuba diver. The use of alternative breathing mixtures, such as combinations of Oxygen, Nitrogen, Helium and/or Neon, requires additional instruction beyond that offered in traditional recreational SCUBA diving courses.

Trained and certified SCUBA, using compressed air or alternative breathing mixtures, are informed of the risks associated with SCUBA diving and utilizing breathing mixtures as described and ultimately bare responsibility for their own actions. Persons must not engage in scuba diving and the use of compressed air or alternative breathing mixtures, if they are unwilling to complete a course of instruction, pass certifying examinations and evaluations, maintain their skill and knowledge through active participation in diving activities, and accept responsibility for any injury or death that may occur when participating in SCUBA diving activities.

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Instructors, Instructor Trainers, Assistant Instructors Supervisors and Divemasters not complying with the STANDARDS & PROCEDURES requirements are considered in violation of IANTD Standards and Procedures. Qualification will not be awarded to students not trained to these IANTD Standards and Procedures.

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IAND, Inc. dba IANTD STANDARDS & PROCEDURES MANUAL

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## **IANTD General Statement of Objectives**

IANTD's mission is to explore the opportunities and challenges of Recreational Diving, which includes all forms of Sport Diving, Nitrox, Advanced and Technical diving, in order to foster openness and individual responsibility, and to provide a standard of care for instruction in the diving community. IANTD and its members strive to be honest, ethical and fair in all our venues. We also believe that there are universal principles that are more absolute. We try to live by them. We envision our mission activities in the following areas:

### **Public Awareness and Advocacy**

IANTD is working to promote openness in the diving community; to share procedures, techniques and operational methods with divers seeking to expand their diving experiences. In the interest of safer diving we encourage freedom with discipline allowing for development of new methods and procedures but recognizing the need for an accepted safety envelope. IANTD will stay informed on diving developments and include them in its diving activities.

### **Safer Diver Program**

IANTD believes individual diver responsibilities are developed through rigorous skill refinement and experience in the water. Vigorous instruction with a strong student / Instructor relationship, enhancing a transfer of the diving responsibility to the student, is the essence of our teaching philosophy.

### **Program Development and Refinement**

IANTD has developed Programs to increase diving knowledge and skill levels. We will continue refining these Programs, based on reports from Instructors in the field, to improve and strengthen their value to our membership. We will continue to develop a set of core values that apply to sport and technical diving. IANTD Standards and Procedures have been developed and have evolved to allow worldwide recognition of skill and knowledge at each qualification level addressed by IANTD.

### **Fostering Community**

Much of the work IANTD has done has been directed at fostering a sense of community in the diving world. The diving community, by virtue of its size, needs internal cooperation to prosper and grow; anything less is counter-productive.

## IANTD Training Philosophy

IANTD believes it is better to be cautious and demanding in training than to have even one accident.

IANTD is dedicated to producing knowledgeable and skillful divers. Both are key for developing competent, confident and relaxed divers, who can fully enjoy the exhilarating experiences of sport and technical diving.

- ▶ KNOWLEDGE and UNDERSTANDING are, beyond a doubt, the keys to power in any endeavor one undertakes. In diving, the combination of knowledge and understanding provides greater diving safety
- ▶ IANTD designs all Program materials to instill in-depth knowledge to the student and practitioner of sport and technical diving endeavors. This knowledge develops greater confidence and understanding of both the enjoyment and risk aspects of safe diving.
- ▶ To ensure a sound knowledge base, IANTD is demanding on the subject material presented in its Programs.
- ▶ SKILLS and STRESS MANAGEMENT are important in performance of safe dives and in the ability to survive during stressful events.
- ▶ IANTD Programs are designed to develop superb water skills and relaxed and comfortable divers. To achieve this, techniques are taught and drills are incorporated that enable divers to realize their full potential. The confidence developed in this type of training will reward students by allowing them to become self-confident and self-reliant divers.
- ▶ Equipment familiarity exercises, such as simulation of a gas failure with valve shutdowns to practice regulator switches, are included to allow divers to become confident and capable in reaching and manipulating the valves and in performing regulator switches. To the amazement of many students, this is often difficult on the first few attempts. Indeed, equipment adjustments are often needed to enhance the performance of this skill. This is a skill that may save a diver's life someday, and one in which all divers need to be confident with. This type of confidence is developed by demonstration and practice.
- ▶ Stress management exercises are placed into our Programs to simulate realistic diving emergencies. The purpose of these exercises is to train divers in response awareness, and to develop in their minds a memory of having experienced a similar event before. One example of such a drill is to swim to a buddy over a prescribed distance without breathing, and then commence gas sharing followed by a timed swim. To some, this appears as a fitness or harassment drill. In fact, it is a confidence builder and a mind conditioning exercise. It provides a rehearsed response to an emergency to develop mental stamina instead of an on-site challenge. The distance involved is similar to what one would likely encounter when swimming to a companion diver, while communicating the problem and the need to initiate gas sharing. The timed swim is designed to instill a reaction of maintaining a normal swim pace to enable gas consumption to remain at a normal rate.
- ▶ IANTD believes confidence and efficiency are developed by spending time in the water. All Programs specify required minimum minutes of bottom time to be accomplished within a certain number of dives. IANTD is the first to incorporate this into diver training.
- ▶ IANTD believes basic survival skills must be practiced to enable one to better cope with stressful events
- ▶ IANTD recognizes that many skills in its Programs are redundant. Provisions are allotted to credit diver training amongst Programs.
- ▶ IANTD values experience and its Standards have provisions for credit of equivalent experience towards a given level of qualification. At the same time, we all realize that experience is not always compatible with knowledge and skill performance. To provide a marriage of experience, knowledge and skill performance, divers must demonstrate the required skills and knowledge appropriate to the level they are being credited for, prior to qualification at a higher level of diving.
- ▶ IANTD believes that our Instructors do set the example. To this end, the Instructor must always be present in the water providing direct or indirect supervision of the dive; demonstrating overall good diving skills while providing an extra element of safety in the water. At the same time, the Instructor must take care that the student does not depend upon them. They must ensure confidence is being developed. Teaching Assistants may be responsible for any needed indirect supervision and control provided that the Instructor is present on the dive.
- ▶ IANTD requires the Instructor in charge to be present in the water and provide direct or indirect supervision if a teaching assistant is to provide direct supervision of students on their first dive to a new and greater depth, and to discourage students from exceeding the prescribed limits of the Training Program they are participating in.
- ▶ IANTD believes diving is a risk taking activity and that divers must be aware and accept of those risks.
- ▶ The more advanced the diving styles, the more polished the skill level of divers must be to provide safety. In addition, standard minimum skills and theory assure each Instructor that divers coming into our Programs from another IANTD

Instructors are ready to advance their diving education.

- ▶ IANTD requires a standard student text and/or other equivalent text(s) (if submitted and approved in writing by the BOD) to ensure that the theoretical knowledge exists to make the given level of diving safe. In cave diving, the NSS/CDS and NACD texts are considered equivalent and, in fact, are recommended as supplements to the IANTD Cave Diving Manual and Student Workbook.
- ▶ Upon Program completion, IANTD requires students pass a written exam as a means to measure their knowledge level. If a student cannot take a written exam, tests may be administered orally or by any means that conveys knowledge of the information.
- ▶ IANTD has leadership / supervisory ratings to allow for “Instructor Assistants” in preparation of advancement towards instructorship.
- ▶ IANTD believes that being confident, competent and knowledgeable, through responsible training, enables one to survive the seemingly unsurvivable situation

### **IANTD Standards Development Procedures**

The IANTD Standards and Procedures are promulgated for the guidance of IANTD Professionals i.e. Divemasters, Supervisors, Assistant Instructors, Instructors, Teaching Assistants and Instructor Trainers. These Standards are reviewed when necessary updated based on recommendations by the Board of Advisors (BOA), Licensee Directors and the Board of Directors (BOD).

Instructors wishing to provide recommendations on Standards may do so by addressing a letter to the chairperson of the BOA, which will be forwarded to all BOA members for their consideration. The suggestions are further reviewed by the Licensees and then forwarded to the BOD for final approval and implementation. The BOD reserve the right of final authority on Standards and Procedures, with all revisions approved by the BOD.

### **IANTD Non-Student Divers on Training Dives**

The following is an explanation of the policy regarding Non-Student Divers on Training Dives:

First and foremost a prudent dive instructor does not allow his attention to be diverted from his students during any training dive, therefore so called “tag along” divers or “Non-Student Divers” accompanying student divers on training dives is generally discouraged.

However, there are times when it is acceptable and even encouraged as enhancing the diver’s overall education (e.g., when a certified future dive partner is paired with a student in training so they may learn each other’s dive abilities and characteristics, but this must be under the direct supervision of the dive leader throughout the entire dive).

The dive instructor shall be responsible for verifying the following conditions are met prior to allowing any Non-Student Divers on Training Dives:

1. Inclusion of a certified Non-Student Diver on any training dive shall count toward the student to instructor ratios and under no circumstances shall the maximum allowable student to instructor ratio be exceeded.
2. The certified Non-Student Diver joining a training dive shall be certified and competent at the level of the training dive being conducted.
3. Inclusion of a certified Non-Student Diver on any training dive shall require approval of the instructor and each student diver and the certified Non-Student diver shall be included in dive planning, including contingency plans, prior to participating in the training dive.
4. The certified Non-Student Diver shall complete, sign and date an appropriate liability and the dive instructor shall supervise the Non-Student Diver as he would any other student diver during the training dive.

In summary, Non-student divers are allowed on training as long as the aforementioned conditions have been met and the dive leader is then responsible for that non-student diver as if he/she were a student.

### **IANTD Professionalism**

- ▶ All Instructors and Divemasters must have IANTD insurance or Provide proof of insurance listing IANTD as an Additional Insured by another accepted insurance program. Instructors teaching a class shall treat all persons diving under the instructor’s and Divemaster’s/Dive Supervisor’s direct supervision or escort as students. Specified student to instructor ratios will be maintained so as to include students and other divers who are under the instructors’ supervision.
- ▶ All IANTD Instructors and Divemasters involved in Diver Training Programs and Dive Leadership Programs/Qualifications are not employees or agents of IANTD, however, they are considered to represent the professional values of IANTD at all times, regardless of Agency Affiliation or Program.

## IANTD Ethics Standard for Electronic and Written Public Media

In recent years it has become commonplace for IANTD instructors to utilize email, Internet websites, and particularly social media sites to communicate with students, customers, potential students as well as peers and others within the dive industry. IANTD members should make every effort to ensure that their public communications whether it be via the internet, social media, or publications always be of a positive nature. Examples of such communications would be announcing events or classes, and posts, comments or articles that enhance the public image of diving. Negative communications that are accusatory or critical of others are unprofessional and shall be avoided. Publically posting such negative communications to email, social media and/or internet websites may be considered a violation of this IANTD ethical standard.

Some examples of unacceptable conduct on email, social media, internet websites or any other public media include but are not limited to:

- ▶ Publicly criticizing other professionals, diving agencies, manufacturers or individual divers.
- ▶ Publicly criticizing a rescue or attempted rescue.
- ▶ Publicly releasing information regarding body recovery or other law enforcement operations without the permission of appropriate law enforcement and/or the families of the deceased.
- ▶ Publicizing any complaint regarding training agencies, regarding manufacturers, or between instructors outside proper channels.

IANTD considers violation of this standard to be serious unprofessional conduct. Punishment will be appropriate to the severity of the violation up to and including expulsion from the organization.

## Administrative Requirements

This requirements applies to ALL training levels (Diver & Professional)

### Professional/Facility & IANTD

▶ **NOTE: All training forms and documents are to remain in the instructor's possession for a minimum of seven (7) years. Upon request for QA reasons or legal needs, the instructor will provide IANTD HQ or the local IANTD Licensee a copy of these forms for a specified student(s).**

1. For every program and prior to any In-Water activity the instructor must ensure:
  - a. The program schedule is presented;
  - b. The students have and record the appropriate prerequisites as listed for each program;
  - c. To fill out the Administrative forms:
    - I. **Medical Exam - Diver Programs:**
      - i. The candidate shall complete the medical history/statement form, *without conditions or restrictions*, required by IANTD prior to engaging in any water activities.
        - ▶ *It is required that applicants with out-of-the-ordinary medical histories be approved, without conditions or restrictions, as medically fit for diving by a licensed medical practitioner prior to engaging in water activities. In no event shall medical approval be accepted, wherein the medical practitioner signing the approval is the participating candidate.*
    - II. **Medical Exam - Any Leader or Professional Programs:**
      - i. The candidate shall have, within the past year, a medical examination and approval for diving, without conditions or restrictions, by a licensed medical practitioner prior to engaging in water activities.
        - ▶ *In no event shall medical approval be accepted, wherein the medical practitioner signing the approval is the participating candidate.*
    - III. IANTD Complete Liability Release and Contract Not to Sue Form.
2. In order to complete the instructor trainer registration the ITT must:
  - a. Submit to IANTD Headquarters or to the appropriate Licensee Office:
    - I. IANTD Professional Membership and Renewal Form
    - II. IANTD Professional Member Registration Form
    - III. Any other required paperwork by IANTD Headquarters.

## Professional/Facility & Customer

► **NOTE: All training forms and documents are to remain in the instructor's possession for a minimum of seven (7) years. Upon request for QA reasons or legal needs, the instructor will provide IANTD HQ or the local IANTD Licensee a copy of these forms for a specified student(s).**

1. The instructor/Diving Training Facility will provide to every student a clear and transparent written information covering the following aspects:
  - a. Limitations of eventual qualification (e.g. what types of dives the student will be qualified to do)
  - b. Scope of training course (e.g. how long the course will take, how many dives, which skills will need to be mastered to successfully complete the course)
  - c. Course procedures (e.g. dates, where they have to be when, where equipment is stored...)
  - d. Means and methods for assessment and criteria for successful completion (e.g. required written exams, minimum number of dives, practical skills like gas analysis...)
  - e. Conditions regarding the responsibilities of each party related to commencement, delivery and termination of the course; (e.g. what happens if the instructor or student get sick and cannot complete the course, what if the weather is bad...)
  - f. The consequences for the service provider and the client if either party should choose to cancel the service; (e.g. cancellation policy)
  - g. Prerequisites and any qualification requirements in order to obtain the course (e.g. medical certification, diver qualifications);
  - h. Equipment requirements (e.g. what equipment is included or not in the course price...)
  - i. Costs (e.g. specifically what is included and what is not included, equipment, certification card, materials, pool and boat fees....)
  - j. Insurance requirements (e.g. mandatory diving accident insurance, liability insurance....)
  - k. Environmental considerations including recommendations to divers for minimizing their impact on it (e.g. collecting artifacts or underwater creatures policy....)
  - l. Diving-related legislation and legal requirements relevant to the specific kind of course
  - m. A signed copy of page 2 (two) of the IANTD Watermanship Form shall be given to the student.



## International Qualifications (Cross-Border Policies)

### A. Professionals (Instructors & Instructor Trainers)

1. Professionals shall be a member with the Licensee assigned to the territory in which he lives.
  - a. All annual membership dues shall be paid to the Licensee territory in which the professional lives.
2. Professionals may teach in any place domestically or internationally.
3. Professionals that want to teach outside the territories that are assigned to the licensee he holds his membership with, must:
  - a. Contact IANTD HQ and HQ will contact the proper licensee requesting to extend his membership.
    - NOTE: There is no extra cost to extend memberships to other licensees.
  - b. IANTD HQ with the assistance of the licensee will provide a list of legal procedures to meet to teach under the territory.
  - c. The professional will:
    - I. Provide to HQ proof of meeting all the legal requirements to teach under the required territory.
    - II. Provide proof of a payment method within the specific licensee.
  - d. Once IANTD HQ verifies that the legal requirements are met, the extension of the membership will be granted.
4. Professionals Teaching Divers:
  - a. All certifications and fees shall be paid and issued to the specific licensee.
5. Instructor Trainers teaching Instructors:
  - a. All new instructors must be approved by IANTD HQ & the Licensee.
  - b. All ratings and fees shall be paid and issued to the specific licensee.

### B. Special Notes

1. NOTE: It is the responsibility of the professional or the facility where the professional will be teaching to be knowledgeable of all the legal documentation that allows one to teach and work in the specific country when traveling to another country (or when bringing in out of the country professional).
2. NOTE: IANTD advises you that if you do not have all the legal work documentation to work in the specific Country, you may or may not be violating the Country's Immigration Laws and that it is the sole responsibility of the professional or Facility. IANTD does not provide any guidance in terms of individual work requirements of countries and is in no way responsible for the professional's or Facility's violation of a Region's laws.



## IANTD Quality Assurance Program

The objective of the IANTD Quality Assurance Program is to establish a minimum level of quality provided by each Member/Instructor of the IANTD system. Much of the work IANTD has done has been directed at fostering a sense of community in the diving world. The diving community, by virtue of its size, needs internal cooperation to prosper and grow; anything less is counterproductive. IANTD is working to promote openness in the diving community; to share procedures, techniques and operational methods with divers seeking to expand their diving experiences. In the interest of safer diving we encourage freedom with discipline allowing for development of new methods and procedures but recognizing the need for an accepted safety envelope. IANTD will stay informed on diving developments and include them in its diving activities.

Without a Quality Assurance Program, IANTD cannot assure the uncompromised credibility of their programs. To achieve this, IANTD monitors and enforces IANTD standards and procedures with fair, honest and ethical intentions in all venues to ensure that all students who participated in any IANTD course are pleased with the service and training experience that they recently received.

**Students are automatically sent a Quality Assurance survey and are asked to complete them by IANTD World Headquarters when the student is certified. All information received is completely confidential and all comments (both positive and negative) will be acted upon.**

If you suspect a quality Assurance issue with another IANTD Instructor, the first step is to professionally approach the person and inquire as to the issue you perceive. There may be circumstances that you may not be aware of, that permit the instructor to conduct their program in the manner witnessed. If the instructor cannot be approached or after a professional discussion, there still appears to be a quality assurance issue. Make a written report to your IANTD Office of any IANTD Standards violations that you personally witnessed. Do not submit false reports or make reports of items that you have not personally witnessed. If the seriousness of the situation justifies immediate action, be assured that IANTD will take the steps necessary including temporarily changing teaching status to non-teaching pending further investigation. The Quality Assurance Form is publicly available on the [www.IANTD.com](http://www.IANTD.com) website and can be submitted to IANTD by anyone who has personal knowledge or a personal concern about the actions of any IANTD member. The Quality Assurance Process involves a protocol that strictly adheres to a system that includes;

- Due Process - consistent internationally and made available to every Member inaugurated into the system.
- Equal and Fair Opportunity - for each member and Licensee to present their issues and protect their interests.
- Standards and Procedures - are made available to each and every member of the IANTD family and are clearly explained. This process also involves a presentation of IANTD's Training Philosophy.
- Confidentiality - maintained through all matters and stages within a Quality Assurance Inquest. IANTD will hold students, Instructors, Instructor Trainers, other Members and divers names in confidence.

### Membership Statuses

#### Active Teaching Status

- Annual dues paid
- Accounts paid
- Proof of liability insurance where required

#### Non-Teaching Status

- Annual dues paid
- Professional Liability Insurance not on file
- Active QA Investigation
- Cannot teach IANTD Programs
- After 2 years must complete an Instructor update or complete IDP

#### In-Active Teaching Status

- Annual dues not paid
- Account balance older than 60 days
- Failed to meet requirements for active status
- Cannot teach IANTD Programs
- After 2 years must complete an Instructor update or complete IDP

**Emeritus**

- Professional members who have retired from active instruction
- Unable to actively participate or conduct training or supervising responsibilities

**Quality Assurance Designations****Probation**

- Failed to meet active teaching status
- Minor Standards violation or another minor QA item
- Account balance older than 60 days
- Can teach and will be informed in writing

**Suspension**

- Failed to meet active teaching status
- Serious Standards violation or another serious QA item
- Account balance older than 120 days
- Cannot teach and will be informed in writing

**Expulsion**

- No longer a member of IANTD, cannot teach and will be informed in writing

**Quality Assurance Process**

A QA investigation begins when written documentation is provided to IANTD that suggests that a Member/Instructor is in either direct violation of IANTD Standards or compromising the reputation or level of minimum quality required by IANTD. Based upon the documentation received, IANTD or the Licensee may place that Member/Instructor on Non-Teaching Status, depending on the suspected seriousness of the QA concern, pending further investigation.

1. Once further Information and documentation has been gathered, the Quality Assurance Director shall assign a QA Case number and contact the Instructor/member advising them of the complaint and the reporting requirements.
2. The Instructor/member must reply in writing via overnight shipping, fax or email within 48 hours of receiving notification from the Quality Assurance Director (QAD). The instructor should respond in a simple, factual and objective manner. This response may be all that is needed to solve a misunderstanding or baseless accusation.
  - NOTE: A failure to respond to an inquest regarding Quality Assurance within 48 hours, will result in an IMMEDIATE Non-teaching Status of a Member or Instructor.
3. If, in the opinion of the Quality Assurance Director, based upon the evaluation of the evidence and the documentation gathered the QAD can:
  - a. Agree that a full Quality Assurance is not needed, then the QAD may issue disciplinary action up to and including probation.
  - b. Agree that a full Quality Assurance is needed, then the QAD will appoint a 3-member (minimum) Quality Assurance Board who will then analyze facts of the allegation.
    - i. Establishing Quality Assurance Board – The QAD will select a minimum of three IANTD members to participate on the QA Board. The members of the Quality Assurance Board will sign a non-disclosure agreement with IANTD prior to releasing information to them to ensure confidentiality. To afford potential conflicts of interest, attempts will be made to select members of the QA Board who do not know the member in question. However, due to the circumstances of issue in question that may not always be possible. Therefore, IANTD QA Board members will ensure that their professionalism will temper any personal knowledge from impacting their decision-making process. The identity of the members shall remain confidential and all communication with the member under a QA investigation will be made by and through the QAD.

4. The QAD will send a summary of the allegations along with any documentation of the complaint, witness statements and other evidence with a clear explanation of which digressions the instructor/Member is accused.
5. If after 15 days, an adequate written response has not been returned by the Instructor/member to the QAD that Member/Instructor will be placed on NON-TEACHING STATUS.
6. Once the recommended course of action has been finalized, the Quality Assurance Director (QAD) will prepare a letter to the Instructor/member detailing the results of the QA investigation and any remedial steps, if any, that need to be completed. The results of the Quality Assurance Board will recommend either Probation, Suspension or Expulsion.
7. The member/Instructor put on any status recommended by the Quality Assurance Board has fifteen (15) days to make a one-time appeal of these findings to the IANTD BOD. The findings of the BOD will be final.

### **Process When A Diving Fatality Occurs During Training**

Primary concern is to care for the victim. Activated local emergency management services and it is recommended that you treat the victim as if it was a close family member. An emergency action plan should be in place for EVERY dive site you visit. The emergency action plan should include use and location of oxygen and first aid kits, chains of command in the event of an accident, points of egress, local emergency phone numbers, phone number for Divers Alert Network, who does what and when and evacuation routes. Staff responsibilities should be designated prior to any diving activity. Should an accident occur, every person in the diving party must know his or her role so potential rescues can be conducted efficiently.

Once the victim has been cared for, the Instructor should:

- Secure the victim's equipment – in a serious accident, local authorities may take custody of the equipment
- Gather all relevant information, using the IANTD accident/incident report form
- Be sympathetic to victim's family and friends
- Do not speculate about the facts of the incident
- Make no comments regarding anyone's potential liability
- Take photographs of everything
- Within 24 hours, Fax or email the completed accident / incident report to your local IANTD regional office
- Include a copy of any applicable liability release and other training documentation
- Download of personal dive computer (PDC), dive logbook or written dive profile(s)

In the event of an accident, equipment becomes important evidence. If equipment is removed from the injured diver, it should not be disassembled. List ALL the equipment used by the injured diver in writing. Be sure to list the condition of the equipment used by the diver without being judgmental of brand, configuration and placement. Write it as you see it. When surrendering the written document to the authorities, request a receipt and retain a copy if possible.

Submerged equipment must remain submerged until someone is instructed to bring it to the surface by the authorities. It remains evidence while submerged. Where it lies and it's condition may be important information in determining the cause of the accident. Prior to surfacing, the position of the valves should be noted and the valves should be shut to prohibit gas from venting from the cylinders. It may also be wise to obtain information from other individuals that were present at the scene of the incident but who did not directly participate or who do not have any type of direct relationship with the party or parties involved. Collecting this information may provide additional details about the incident without any additional personal bias.

Use of the IANTD Incident Form is mandatory and a copy of this form is available on the IANTD website. Should an accident occur, critical information can be documented accurately. The form should be filled out clearly and in its entirety. Write a detailed report of the occurrences leading to, during and after the accident. Include your name and contact information so you can be reached for further questioning in regard to the accident from medical personnel. In a court of law, it will be recognized that the dive leader was prepared and thorough. An accurate account of the accident will only help the dive leader in a court of law, assuming standards were followed, and the dive leader was acting responsibly.

Copies of the Incident report form must immediately be sent to both the professionals insurance carrier and to IANTD Headquarters. The sooner IANTD is advised of the accident, the better IANTD can help protect the dive leader. Be sure to keep a copy yourself and file it where it will not be lost or destroyed.

The instructor must contact IANTD immediately and send an Incident Report within 24 hours of the incident. This must be followed up by a more comprehensive report, which includes the following:

- Obtaining all information pertinent to the accident
- Statements from individuals with direct knowledge of the incident.
- Other Students in the class
- Other divers on the dive
- Determinations by the ME (Medical Examiner), if available
- Reports from the recovery team
- Reports from the diving vessel
- Review of the training program conducted to the date of the accident
- Statements from other sources who are aware of the diving instructor and his practices
- Statements from others who are familiar with the capabilities of the accident. These include people who have dived with or observed the instructor and student during training.

Once all this information is compiled, the data is sent to a QA Board. Once all this information is compiled, the data shall be sent to IANTD World HQ and the IANTD Licensee in that region. The Instructor will immediately be placed on Non-Teaching Status pending completion of the Quality Assurance Process.

### **Events Following an Investigation**

If it is found that the instructor is not at fault in the accident in any way the Non-teaching status will be removed, and the instructor will be returned to normal teaching status. If the QAB determines that the events are questionable, but not directly controllable or preventable by the instructor, then the instructor will be placed on probation and IANTD will spell out specific procedures to be followed in order to be reinstated to normal teaching status. If the QAB finds that the instructor did not act responsibly, the instructor may be suspended with the ability to request an appeal to the QAB.

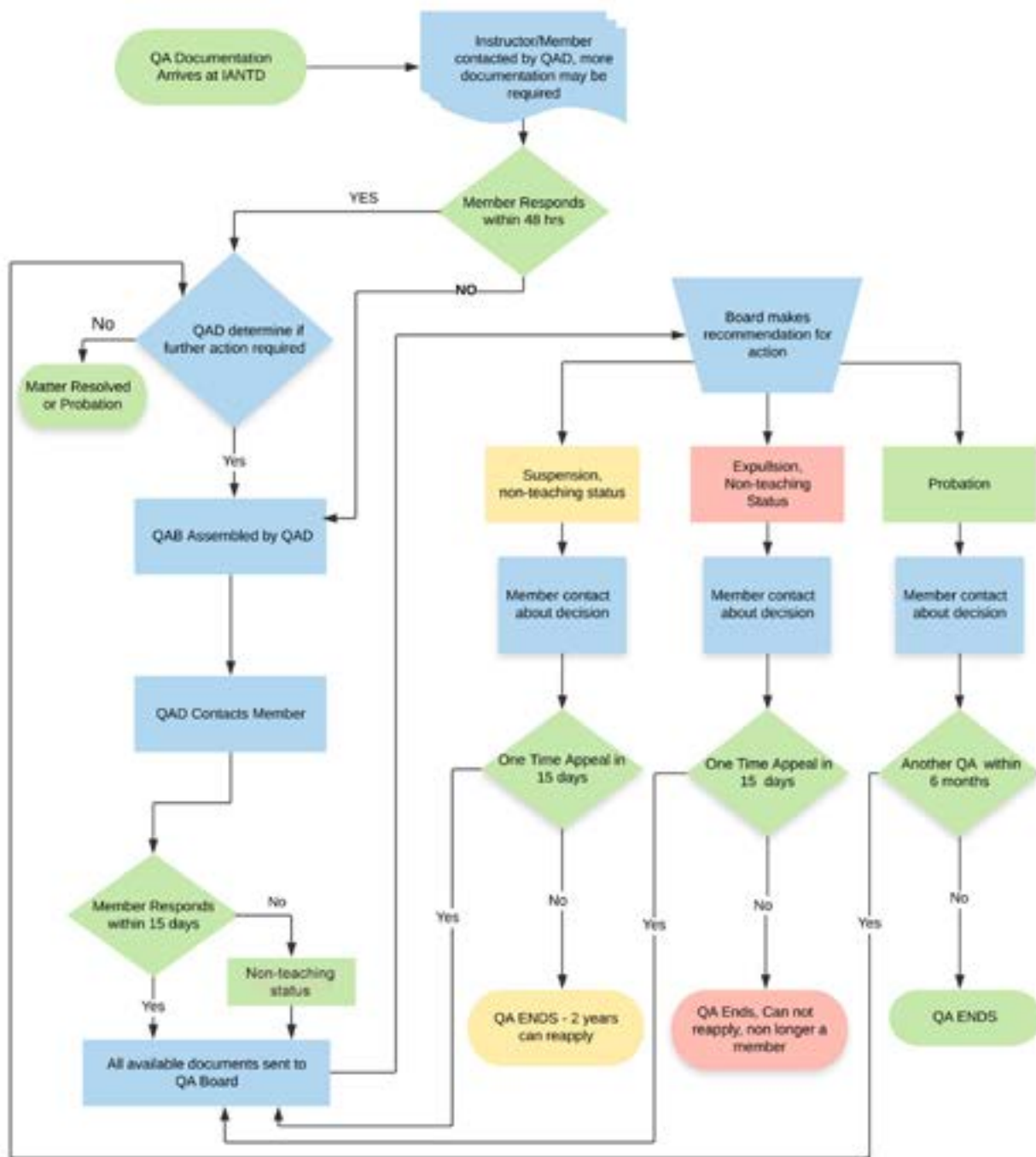
A suspended instructor may or may not be given a provision for reinstatement following two (2) years of suspension. IANTD will inform the Instructor in writing of the results of any Quality Assurance process/finding.

### **Quality Assurance Forms**

- Incident Report - Available at IANTD HQ ProPage
- QA Complaint Form - Available at IANTD HQ ProPage
- QA APPLICATION FOR APPEAL AGAINST IANTD DISCIPLINARY ACTIONS - AVAILABLE AT IANTD HQ PROPAGE

## Quality Assurance Flow Chart

### IANTD QA Process Flow Chart





## Definitions and Terms used by IANTD

**ACD** – Assistant Course Director

**AIDP** – Assistant Instructor Development Program

**AIEC** – Assistant Instructor Evaluation Crossover

**Appropriate Diver Support** - First aid equipment including but not limited to a first aid kit suitable for the planned diving activities, an emergency oxygen unit with a capacity of delivering pure oxygen for at least 20 minutes and a communication system suitable for alerting emergency services.

**Boom Scenario** - A boom scenario on a rebreather is to simulate either an internal gas free flow (such as oxygen or diluent going into system) or an external gas free flow (such as gas leaks). In this situation the correct course of action is to immediately close both cylinder valves. Then the diver is to determine the failing source by checking both pressure gauges and the severity of the loss. At the same time as the diver checks the pressure gauges they also need to check their PO2 and take corrective action if needed.

**Bottom Mix** – The gas mixture(s) in the cylinder(s) intended to be used during performance of the bottom time phase of the dive.

**Briefing** – Short pre-dive discussion between Instructor and students including but not limited to procedures to be followed (team assignments, entry, descent, ascent, surfacing, exit, time/depth limits, problem/ emergency situations), site/environmental considerations, communication, pre-dive equipment preparation, drills to be practiced (in case of training), and post dive procedures.

**Cave Dive** – Dives into a cavern/cave beyond where a light from an exit point can be seen.

**CD** – Course Director

**CDDP** – Course Director Development Program

**Commercial Diving** – A form of diving, excluding instruction, where the diver works for hire and his/her employment depends on a willingness to dive.

**Confined Water** – Any body of water with limited current, which meets the appropriate IANTD visibility requirements, that is calm and has shallow water access such as swimming pools, lakes, springs, sinks, quarries, bays, and beaches that are protected from open seas and rough water. Training sessions must be limited in confined water experiences to no deeper than 20 fsw (6 msw) for sport diver level courses and 40 fsw (12 msw) for technical diver level courses.

**Confined Water Session** – An instructional session that takes place in confined water. The confined water sessions will include an introduction, demonstration and student performance of watermanship, skills and techniques to be developed during the course. When teaching courses that combine two (2) or more levels of training the confined water skills for the courses may be combined into one (1) session.

**Completed Dive** - A dive is not successfully complete until all divers have safely exit the water, out of their equipment and no other dives are planned for the day.

**Debriefing** - Short post dive discussion between instructor and students including but not limited to comments on the dive and further directions. Remember we have a mandatory water skills for (an intense debrief ing) the instructor is and has been REQUIRED to fill out each dive so it is already there in much more detail than this and if we discover that the instructor is not doing this then they will be brought up on Quality Assurance charges.

**Decompression Mix** – The gas mixture(s) in the cylinder(s) used during the ascent (decompression phase of the dive).

**Direct Supervision** – Supervision by the instructor of the class or group of students from a distance allowing a direct intervention on behalf of the student.

**Diver's Physical** – An approved diving physical statement. This is required prior to involvement in the first water session of a given course or combination of courses.

**Divemaster / Supervisor** – An individual who is qualified by IANTD to supervise or assist specific diver training courses such as a Divemaster and Dive Supervisor from a lesser level but who is qualified as a diver at the level of the training program. Teaching Assistants may be utilized in all courses to provide indirect supervision or even direct supervision when under the direction of an Instructor in the water who meets the definition of direct supervision. Divemaster and Supervisors may also escort certified divers.

**DSMB** – Delayed Surface Marker Buoy

**Emergency plan** – A written piece of information including but not limited to procedures for casualty recovery, resuscitation and evacuation, use of emergency oxygen supply, information about the nearest medical resources and information about the nearest hyperbaric recompression chamber.

**END** – Equivalent Narcotic Depth.

**Escorting** – Supervision of an individual student or group of students by someone other than the instructor. (Qualified teaching assistants may escort students during surface excursions and exits, ascents and descents and may attend to remaining students while the instructor conducts a skill with other students or if no skills are being performed by the student.)

**IDE** – Instructor Development Evaluation

**IDP** – Instructor Development Program

**IEC** – Instructor Evaluation Crossover

**Indirect Supervision** – Supervision by a qualified teaching assistant during segments of a dive where skills are not practiced. An Instructor must be present at the site and in control of the activities. The Instructor must approve all diving activities, approve the dive plan, perform dive preparations and equipment configuration, observe entries, exits and debriefings, and be prepared to quickly enter the water if necessary. The Instructor must be able to respond to classroom activities and be on-site. The Instructor must be able to take control of any program at any time if necessary.

**Instructor** – An individual who is qualified by IANTD to teach complete or a part of specific diver training courses, upon completion of a formal instructor development or crossover and evaluation course, such as an Assistant Instructor (limits apply to this level), or Instructor.

**Instructor Trainer** – An individual who is qualified by IANTD to teach specific instructor training courses, upon completion of a formal instructor trainer development and evaluation course.

**In-Water Training** - A combination of confined water and open water dives.

**IPSDPD** - International Public Safety Diving Program Director

**IT** – Instructor Trainer

**ITD** - International Training Director

**ITDP** – Instructor Trainer Development Program

**ITEC** – Instructor Trainer Evaluation Crossover

**Licensed Medical Practitioner** - A physician, medical practitioner, medical doctor, licensed nurse practitioner or a physicians assistant.

**LTD** - Licensee Training Director

### **Memberships:**

- a. **Active - Non-Teaching Status** – An active non teaching status is a dive professional/Leader who for some cause is not in teaching status (elected to take a break in active teaching or has not sent proof of insurance or on administrative hold or some other reason). The Active - Non-Teaching Status Instructor has paid his/her annual membership dues. This IANTD Professional member is entitled to all professional communications and privileges. This individual may not actively teach or supervise or be involved in any training, escorting and guiding of dives. To switch to active status the Active - Non Teaching Professional needs to provide proof of insurance and other proficient needs that may be deemed necessary such as understanding of updates in standards etc. The active non-teaching status can only be held for two years without attending a knowledge and performance review.
- b. **Active - Teaching Status** – an IANTD professional is an instructor or dive leader (divemaster or Dive Supervisor) may teach IANTD program or supervise or guide dives up to their qualification level. This Professional has paid professional membership dues for the current year to the license he is affiliated with or HQ and has signed and agreed to the terms of the instructor contract. The dive professional may only provide professional services up to his/her qualification level.
- c. **Emeritus** - This status is provided in recognition of outstanding service to IANTD by professional members, who have retired from active professional status in one or more areas. These include active teaching status, licensee, BOA member, and any other professional member of IANTD. The Emeritus status will be specified as Instructor Emeritus, or listed in BOA or License Emeritus. Individuals with emeritus status may represent themselves as such but are unable to actively participate in any type of training and or supervising.



d. **In-Active Teaching Status** - An IANTD Professional Leader who has not renewed their annual membership status. This individual may not advertise or represent themselves as an IANTD professional. An IANTD professional on inactive status may renew by paying membership, presenting proof of insurance and meeting the requirement of renewal eligibility. An inactive Professional may only remain in inactive status for a maximum of two years. Post two years in inactive status to become active the Professional must complete an Instructor update or complete IDP as determined at that time by IANTD HQ or an IANTD license

**Open Water (OW)** – Any body of water, excluding swimming pools and diving pools of any kind, that is 15 fsw (4.5 msw) or deeper for sport diving courses, or at least 40 fsw (12 msw) deep for technical diving courses.

**Overhead Environment** – Any dive site that has a physical ceiling, such as wrecks and caverns, from which a quick and direct escape to the surface cannot be safely made.

**Overseeing** – The overall control, intermittent supervision, evaluation, and direction of instruction, student skill performance and diving activities by an instructor of a class or group of students. The instructor must be present at the training site and on the training dives, and be prepared to render appropriate in-water assistance in aid of a student.

**Pre-Dive Check** - A check including but not limited to gas availability and suitability for the dive and equipment operating condition. It is sometimes conducted by the dive buddy in the water or just before entering.

**Prerequisites** - Prerequisites define what has to be completed prior to entering an IANTD diver or leadership course. Prerequisites must be completed prior to the start of a course of leadership program. Under no circumstance may the prerequisites be completed while enrolled in a program.

**QAD** - Quality Assurance Director

**Recreational Diving** – All forms of diving intended for recreational purposes or instruction of recreational divers, in which the diver has the option to dive. This includes both the most popular form of recreational diving, sport diving; as well as technical diving, which is an advanced form of recreational diving.

**SCUBA** – Any diving apparatus that is a Self-Contained Underwater Breathing Apparatus.

**Software Generated Tables** – Decompression profiles produced by various dive planning software. These may be used in conjunction with the required IANTD Dive Tables or a Dive Computer. In training the student must always have IANTD Dive Tables in their possession when performing dives as primary or backup schedules.

**Sport Diving** – The most common form of recreational diving. Sport diving is performed using either air or Nitrox mixtures up to 40% oxygen on dives no deeper than 132 fsw (40 msw). Sport divers at the level of Advanced EANx or Advanced Recreational Trimix, which is defined as an entry level technical course may not engage in dives deeper than 140 fsw (42 msw) for Advanced EANx and no deeper than 150 fsw (45 msw) for Advanced Recreational Trimix.

**Supervision** – Having direct control over an individual student or group of students, with an ability to directly intervene if needed.

**Technical Diving** – An advanced form of recreational diving utilizing skills, techniques, equipment and knowledge beyond the requirements of sport diving. Technical diving includes, but is not limited to, dives deeper than 132 fsw (40 msw), dives into overhead environments beyond a visible exit point, dives using mixed gas (in addition to sport diving EANx mixtures), and dives requiring staged decompression.

**Training Dives** – An excursion by a student diver into open water or overhead environments while fully equipped for the planned activity. Each dive must include at least one (1) entry and one (1) exit and underwater activity breathing from SCUBA for a minimum of 20 minutes to a depth of at least 20 fsw (6 msw) for sport diving courses, or 40 fsw (12 msw) for technical level courses.

**Travel Mix** – The gas mixture(s) in the cylinders used to provide an advantageous or safer breathing mixture while descending or traveling to or in some cases from a deeper phase of the dive.

**Virtual Overhead Environment** – Any dive from which a direct ascent to the surface would violate required decompression obligations.

**Waiver** – An IAND, Inc. dba IANTD Liability Waiver. A waiver is needed for each specific course or, if a series of courses are taught concurrently, one (1) waiver may list each Program in the training curriculum. If there is an interruption in the training program of more than 90 days, a new waiver shall be completed.

**Wreck Penetration** – Excursions inside of a wreck beyond where light from an exit point can be seen.



# IANTD SPORT DIVER PROGRAMS



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*The leader in diver education*

## Sport Diver Programs - General Standards

► **NOTE:** Unless indicated as specifically for Sport Diver Programs, the following general statements apply to all IANTD Diver Qualification Programs.

### A. Purpose

1. These Programs are designed to provide quality instruction of IANTD Sport Diving qualification levels.

### B. Prerequisites

1. As listed on each IANTD Specific Program.

### C. Texts / Media

1. All IANTD courses require Student Kits to certify divers.
  - a. Each student **MUST** have a full set of these reference materials during and following the completion of the class.
  - b. The specific kit is titled "IANTD diver program name" followed by the words "Student Kit".
  - c. Students may use a student kit that contains any combination of Printed or digital materials including the course specific eLearning.

### D. Program Content

1. Must include all course material as presented in the approved workbook or text for the Program and Student Kit where noted.
2. Complete a written exam with a minimum score of 80%.
  - *If, a specific course exam is not available, the instructor shall conduct a knowledge review or quiz.*
3. Skills listed in the Water Skills Development section of the Program enrolled in, must be completed prior to qualification. These skills may be performed as specified in the specific course standard or in a combination of OW and confined water, for basic skills and stress management development.
  - **NOTE:** These skills reflect the minimums that a student must perform.
  - **NOTE:** Instructors **MUST** complete watermanship evaluations contained in the forward portion of these standards and procedures.

### E. Equipment Requirements

1. A sufficient quantity of gas will be carried by the diver to allow completion of the dive time requirements incorporating the correct gas management rule.
  - **NOTE:** For no-stop diving,  $\frac{1}{2} + 200$  psig (14 bar);
  - **NOTE:** For dives with stops or in overhead environments, the Rule of Thirds.
2. A primary gas supply system featuring:
  - a. An alternate second stage, OR
  - b. An alternate breathing source, OR
  - c. Redundant gas system as specified in the Equipment Requirements for each Program.
3. Sidemount configuration.
4. A quick release weight ballast system (if appropriate).
5. Submersible pressure gauge.
6. Buoyancy control device (BCD), including a cylinder support system.
7. Mask and fins
8. Snorkel (Except for Overhead Environment, PSD Programs and where currents presents a hazard to the diver).
9. Means of monitoring depth & bottom time. This can be done through the use of a depth gauge & bottom timer or a dive computer.

10. To control the dive the Instructor shall choose between:
  - a. IANTD Submersible tables with timer and depth gauge/bottom timer **OR**;
  - b. Dive computer and a timer or depth gauge/bottom timer with a dive plan based on IANTD Tables/ Decompression Software written in a wetnote as backup **OR**;
  - c. Two dive computers.
11. Appropriate exposure suit for the environment in which the diver is being trained.
12. Slate and pencil, required to ALL courses with the exception of the Supervised Diver course.
13. Cylinders, other than air, must be labeled with IANTD stickers or other stickers such as may be required by local laws and regulations.
  - ▶ *NOTE: At a minimum, the labels must clearly identify and be visible, to ALL team members, the MOD and oxygen content of the mixture.*
  - ▶ *NOTE: It is recommended that IANTD labels be used to meet this requirement, in addition to those required by law.*
  - ▶ *NOTE: Cylinders and regulators used with gases containing oxygen concentrations greater than 40% must be O2 service rated (Example: partial pressure blending requires oxygen service rated cylinders).*
  - ▶ *NOTE: Equipment used during this Program must be appropriate for the environment and in good working order*
14. Cutting tool or device.
15. Surface alert device (whistle, diver alert, etc.) (not required in the Supervised Diver or OW Diver course).
  - ▶ *NOTE: Equipment is to be configured in a neat low drag manner.*
16. When appropriate, the use of a surface support station with dive flag is also encouraged.

**For Deep Diver Program and beyond, the following are required**

17. A DSMB or Lift Bag of at least 50-lb. (22.5-kg) lift capacity and a line reel for deployment.
18. Either:
  - a. A dual-outlet valve, OR
  - b. A single valve with a separate 18 cubic feet (510 free liters) pony cylinder or greater capacity must be used, OR
  - c. A double cylinders with dual valve outlet, OR
  - d. *A Sidemount configuration with the use of an appropriately rigged decompression cylinder.*
19. Bolt snap hooks / scissors clips used for attaching equipment to the diver are recommended.

**For Deep Deco Diver Program and beyond, the following are required**

20. Single cylinder with dual outlet valve (Y or H) and with the use of an appropriately rigged decompression cylinder.
21. Double Cylinders with dual valve outlet with the use of an appropriately rigged decompression cylinder,
22. *A Sidemount configuration with the use of an appropriately rigged decompression cylinder(s)*
  - ▶ *NOTE: The safety or decompression gas cylinder must be rigged according to the configuration adopted.*

**For First Aid, Oxygen Administrator and AED:**

23. Manikin
24. First Aid kit
25. Pocket mask/barrier devices
26. Emergency Oxygen Unit.
27. Automated External Defibrillator



## F. Program Limits

1. Except if specified differently in the Specific Program Limits:
  - a. All in-water training dives shall be conducted in environments that will allow at all times a direct vertical access to the surface, with an instructor directly supervising, teaching and evaluating the students.
  - b. All in-water training shall be completed during daylight hours or under conditions that simulate daylight conditions.
2. IANTD Programs require the student to complete a specified amount of bottom time prior to becoming qualified at a given level. Specific total bottom time or total in water times requirements are given in each individual Program.
3. The maximum classroom Student to Instructor ratio is 20 to 1, and maximum in-water ratios are specified in each program.
4. No dives will be planned or intentionally executed to depths greater than 132 fsw (40 msw) during any Sport Diver Program, except for:
  - a. Advanced Recreational Trimix, which is defined as no deeper than 150 fsw (45 msw).
  - b. Advanced Recreational Trimix Plus, which is defined as no deeper than 170 fsw (51 msw).
5. In all IANTD Sport diving Programs, the maximum Student to Instructor ratios permitted are based on entering the water with visibility of 25 feet (7.6 meters) or more. If the visibility upon entering the water is less than 25 feet (7.6 meters), the following modifications of Student to Instructor ratios apply.
  - a. If the visibility is between 19 feet (6 meters) and 25 feet (7.6 meters) the maximum Student to Instructor ratio is 5 to 1
  - b. If the visibility is between 12 feet (3.6 meters) and 19 feet (6 meters) the maximum Student to Instructor ratio is 4 to 1.
  - c. If the visibility is between 8 feet (2.4 meters) and 12 feet (3.6 meters) the maximum Student to Instructor ratio is 3 to 1.
  - d. If the visibility is between 5 feet (1.5 meters) and 8 feet (2.4 meters) the maximum Student to Instructor ratio is 2 to 1.
  - e. If the visibility is less than 5 feet (1.5 meters) then the conduct of Sport diving is not recommended. If conducted must be at a Student to Instructor ratio is 1 to 1.
6. For programs that allows decompression, no more than two (2) decompression dives shall be conducted on a given day.
7. No decompression dives are allowed except if specified differently in the Specific Program Limits.
8. Once a course begins, and If the course is not finished or a break in the training occurs, any additional dives conducted during that period are considered non-training dives and must not exceed the limits of the divers current certification level.
9. In addition to all the prerequisites, a Normoxic Trimix Diver or Trimix Diver or Expedition Trimix Diver Class can only be taught in Cave if the Instructor is certified as a Technical Cave Instructor and the diver is certified as a Technical Cave Diver.

## G. Water Skills

► **The open water instructor or higher shall cancel or abort the open water dive if environmental conditions, equipment problems or a student's physical or mental condition make this necessary.**

1. Prior to all dives a "briefing" must be conducted. Following all dives, a "debriefing" must be conducted.
2. Confined water sessions are to be completed prior to open water dives being performed (or overhead environment dives, as applicable). The confined water sessions will include an introduction, demonstration and student performance of watermanship, skills and techniques to be developed during the course. When teaching a combination of courses, all the skills may be practiced in a single confined water session.
3. This confined water session may be in open water in depths up to 40 feet (12 msw) provided decompression stops are not required.
4. All the watermanship skills must be practiced until the student is proficient in each skill.
5. The training requirements here in are IANTD minimums.
6. Practice of SCUBA diving equipment configuration including redundancy and streamlining.

7. Dives may be accomplished in overhead environments if the diver is already qualified or if taking this Program in conjunction with a cave or wreck course.

► **CAUTION: In any emergency situation no lines shall be removed from the overhead environment (Cave, Wreck, Mine etc...) until all team members are accounted for. Emergency situations like but not limited to Gas Sharing, Bump & Go, Touch Contact, Lost Diver and many others.**

► **CAUTION: A continuous guideline that allows for a safe exit at the entrance will be in place at all times during training in any overhead environment.**

## H. Special Notes

- **Divers must demonstrate the ability to demonstrate while maintain good TRIM during all emergency skills taught in the diver course.**
- **Depth increases in training programs shall not progress at depths greater than 33 fsw (10 msw) deeper than the previous depth in the course or the students deepest previous depth experience.**
- **On any occasion a student requires assistance, the instructor and any Divemaster or dive supervisor will make every reasonable effort to assist or rescue the student. The instructor will be expected to continue an assist or rescue attempt until it is either successful or it becomes apparent that to continue will result in unreasonably endangering the rescuers life or endanger other students or members of the dive team.**
- **When diving offshore, during training the DSMB or Lift Bag is to be used as a backup decompression or ascent platform and not as the primary platform, except in circumstances defined by the environment being dived in such as strong currents, boat traffic, or other conditions that would make the use of a float ball and ascent line impractical or dangerous. On drift dives, it is recommended that an ascent line attached to a float be used to provide stability for students during ascent. Only in situations where the circumstances of the environment or the dive make a fixed or drift ascent line buoyed to the surface or attached to a boat a less safe option will DSMB or Lift Bag deployments be used as the primary ascent platform for dives deeper than 100 fsw (30 msw).**
- **To be eligible for any IANTD training qualification, a minimum watermanship skill performance average must be 80% out of 100%. With additional dives, the student may graduate from the course with at least 80% on two consecutive dives. This may require several additional dives be added to the course.**

## I. Qualification Requirements

1. All diver performance requirements must be met prior to certification, as reflected on the student watermanship evaluation form.
2. Upon completion of all listed classroom sessions, watermanship skills and dives to the Instructor's satisfaction, an appropriate IANTD Diver qualification card will be issued.
3. Students with unsafe attitudes, or who demonstrate bad dive habits, must not be qualified. Training is purchased upon enrollment. Qualification is earned through the student's performance and knowledge demonstrated throughout the Program.
4. It is required that all training dives be logged and it is recommended that dives be in the IANTD Recreational or Technical Diving Logbook or the IANTD online dive log system.
5. The Program enrolled for must be completed within six months from the starting date, unless otherwise specified in the Standard.

## J. Qualification Renewal

1. The IANTD Diver Qualification Card does not have an expiration date, unless otherwise indicated.
2. For all Professionals, such as Divemasters, Supervisors, Assistant Instructor, Instructors and Instructor Trainers, proof of insurance with IANTD listed as Additional Insured and IANTD Membership is required annually.

# IANTD Open Circuit Student Watermanship Evaluation Form



## OPEN CIRCUIT STUDENT WATERMANSHIP EVALUATION FORM FOR INDIVIDUAL DIVES

(version 25.1.0)

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Course Title: \_\_\_\_\_ Met Prerequisites? \_\_\_\_\_

Started Date: \_\_\_\_\_ Ended Date: \_\_\_\_\_ Instructor Name: \_\_\_\_\_

*Note: To be eligible for any IANTD training qualification, a minimum watermanship skill performance average must be 80% out of 100%. With additional dives, the student may graduate from the course with at least 80% on the last two consecutive dives. This may require several additional dives be added to the course.*

1. Buoyancy Control	Dive Number	1	2	3	4	5	6	7	8	9	10
At Depth											
During Ascent											
At Safety or required decompression stops											
Average Score											

2. Propulsion Skills	Dive Number	1	2	3	4	5	6	7	8	9	10
Overall propulsion technique and efficiency											
Body posture for low drag and silt avoidance											
Pulling technique, if applicable											
Average Score											

3. Equipment Familiarity	Dive Number	1	2	3	4	5	6	7	8	9	10
Comfort with equipment and configuration											
Knowledgeable in location & operation of all equipment											
Ability to efficiently switch gases, if applicable, and control PO <sub>2</sub>											
Ability to manage equipment in water											
Average Score											

4. Awareness	Dive Number	1	2	3	4	5	6	7	8	9	10
Aware of buddy or instructor location											
Monitoring of gauges or dive instruments											
Physical presence awareness (orientation on dive)											
Responsive to signals											
Capable of self-rescue (includes performance of emergency responses)											
Capable of buddy rescue (includes being accessible to buddy)											
Awareness of & responsive to changes in equipment status during the dive and drills											
Ability to focus on dive objectives											
Responsive to Emergency Scenarios											
Overall alertness											
Average Score											

5. Acknowledge of Grades & Record of Dive	1	2	3	4	5	6	7	8	9	10
Dive Date										
Dive Time										
Diver Initials										
Instructor Initials										





## OPEN CIRCUIT STUDENT WATERMANSHIP EVALUATION FORM FOR INDIVIDUAL DIVES

(Ver 11/24 20.1.0)

Upon completion of the course fill out the following:

Items 1-3 below are to be completed by the instructor and reviewed with the student following the last dive of the course.

1. Overall evaluation:

- a. \_\_\_\_\_ Self-sufficiency
- b. \_\_\_\_\_ Safety and alertness
- c. \_\_\_\_\_ Responsive to Emergency Scenarios
- d. \_\_\_\_\_ Capable of diving or using this type of equipment safely
- e. \_\_\_\_\_ Safe to dive unsupervised (Except for the Supervised Diver Level)
- f. \_\_\_\_\_ Buddy can be comfortable and safe diving with this person
- g. \_\_\_\_\_ Physical fitness for the type of diving
- h. \_\_\_\_\_ Fitness and overall comprehension of risk management and understanding of equipment and skills needed for this type of diving
- i. \_\_\_\_\_ Completed all skills and stress management drills listed in the Standards satisfactorily

2. In my instructor(s) evaluation of the student, I find their skills, comfort, physical fitness, attitude and equipment management abilities to be \_\_\_\_\_ for qualification at this level of training.

3. Therefore I, \_\_\_\_\_, the instructor(s) recommend the following:

- a. \_\_\_\_\_ Diver qualification be issued at the applicable level
- b. \_\_\_\_\_ Student complete the following provisions before being awarded a diver qualified card. (See the objectives as specified by the instructor(s), on the reverse side of this form).

*NOTE! To be eligible for any IANTD training qualification, a minimum watermanship skill performance average must be 80% out of 100%. With additional dives, the student may graduate from the course with at least 80% on the last two consecutive dives. This may require several additional dives be added to the course.*

*NOTE! A signed copy of this page (Page 2) shall be given to the student.*

Comments:

\_\_\_\_\_  
Instructor Signature

\_\_\_\_\_  
Date:

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

*if the participant is under the age of 18, then the parent or guardian must sign this agreement and agree to be legally bound by it and furthermore be legally responsible for the minor participant, including being responsible for all damage, injury or death which may occur as a result of the minor's participation in diving activities. The parent or guardian hereby agrees to be fully responsible to the released parties for any damage, injury or death caused by the minor, including actions brought by the minor, for any damages whatsoever.*

\_\_\_\_\_  
Parent or Guardian's Signature

\_\_\_\_\_  
Date

## Confined Water SCUBA Experience

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water Scuba Instructor or higher.

### A. Purpose

1. This experience program is designed to introduce the diver to the basic concepts of open water diver program and to provide a practical confined water without any Open Water exposure.
  - *NOTE: It is not a Qualification Program.*

### B. Prerequisites

1. Must be a minimum of 10 years of age with a parent or guardian authorization, OR;
2. Must be a minimum of 18 years of age without guardian approval.

### C. Program Content

1. Conduct a knowledge development session or briefing that covers.
  - a. Psychological aspects of SCUBA diving, responsible diver attributes, and risk awareness
  - b. Breathing rules and equalization techniques
  - c. Equipment purpose and use
  - d. Hand signals
  - e. Regulator and mask clearing techniques
  - f. Respect for aquatic life (if appropriate)
  - g. Importance of watching and staying close to instructor
  - h. Limitations of the program and value of further training

### D. Equipment & Text Requirements

1. No Student Kit is required for this experience program.
2. Same as equipment requirements as Open Water Diver.

### E. Program Limits

1. Instructor Ratio:
  - a. There may be no more than two (2) students to one (1) Instructor for pool and confined water training.
2. All dives must be conducted, only, in confined water with depths no greater than 33 fsw (10 msw).

### F. Water Skills Development

1. Have participants practice the following skills in shallow water:
  - a. BCD inflation/deflation
  - b. Breathing underwater
  - c. Regulator clearing
  - d. Regulator recovery
  - e. Mask clearing
  - f. Equalization techniques
  - g. Inflate and deflate a BCD at the surface.

## Open Water SCUBA Experience

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water Scuba Instructor or higher.

### A. Purpose

1. This experience program is designed to introduce the diver to the basic concepts of open water diver program and to provide a practical confined water and open Water exposure.

► *NOTE: It is not a Qualification Program.*

### B. Prerequisites

1. Must be a minimum of 10 years of age with a parent or guardian authorization, OR;
2. Must be a minimum or 18 years of age without guardian approval.

### C. Program Content

1. Conduct a knowledge development session or briefing that covers.
  - a. Psychological aspects of SCUBA diving, responsible diver attributes, and risk awareness
  - b. Breathing rules and equalization techniques
  - c. Equipment purpose and use
  - d. Hand signals
  - e. Regulator and mask clearing techniques
  - f. Respect for aquatic life (if appropriate)
  - g. Importance of watching and staying close to instructor
  - h. Limitations of the program and value of further training

### D. Equipment & Text Requirements

1. No Student Kit is required for this experience program.
2. Same as equipment requirements as Open Water Diver.

### E. Program Limits

1. Instructor Ratio:
  - a. There may be no more than two (2) students to one (1) Instructor for pool and confined water training.
  - b. There may be no more than two (2) students to one (1) Instructor for Open Water dives.
2. The Program must include:
  - a. A minimum of 20 minutes of OW bottom time;
  - b. At least one (1) SCUBA dive.
3. All dives must be conducted in depths no greater than 33 fsw (10 msw).

### F. Water Skills Development

1. Have participants practice the following skills in shallow water:
  - *Exception: Only BCD inflation/deflation required for pool only experience*
  - *The following skills shall be mastered in confined water prior to Open Water Experience Dive.*
    - a. Breathing underwater
    - b. Regulator clearing & recovery
    - c. Mask clearing
    - d. Equalization techniques
    - e. Inflate and deflate a BCD at the surface.

## Supervised Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Open Water Diver Instructor or higher level of certification may teach this course.

### A. Purpose

1. This Program is designed to provide basic training to those who wish to enter into SCUBA diving adventures within limited time.
2. The purpose of this program is qualifies a diver to dive to a maximum depth of 40 fsw (12 msw).

### B. Prerequisites

1. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum or 18 years of age without guardian approval.
- *Jr. Supervised Diver - Students between 10 years of age and 14 years of age who meet the Supervised Diver performance requirements may qualify for a Jr. Supervised Diver certification that allows them to dive under the supervision of an IANTD Open Water Instructor.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. All the water skills must be practiced until the student is proficient in each skill.
3. This program must include:
  - a. Academic Classes - The following chapters from the Open Water Diver Manual should be covered.
    - I. Chapter 1 - Origins of Modern Scuba Diving
    - II. Chapter 2 - Diving Equipment
    - III. Chapter 3 - Physical Aspects of the Diving Environment
    - IV. Chapter 4 - Physiology
    - V. Chapter 5 - Direct Pressure Injuries
    - VI. Chapter 6 - Physiological Problems from Increased Partial Pressure and Gas Solubility
      - i. Except for Organ nd System Involvement and First Aid & Treatment od Decompression Sickness
    - VII. Chapter 7 - Diving
      - i. Except for Gas Management Calculations, Dive Tables
  - b. Workbook - If used, the Open Water Diver Workbook shall be complete entirely.
  - c. Confined water session(s).
    - I. See Section F Waterskills Development
  - d. Open Water Dives.
    - I. See Section E. Program Limits and Section F. Waterskills Development
4. Students must pass the specific IANTD Supervised Diver test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. The IANTD Supervised Student Kit.
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

## E. Program Limits

1. Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.
    - *NOTE: This ratio may be increased up to a maximum of 6 students with one (1) IANTD Divemasters per class session.*
    - *NOTE: The ratio may be decreased according to instructor's discretion taking into consideration environmental conditions or other relevant factors, so as to allow adequate class control and supervision, or local legislation.*
    - *NOTE: Physical contact with every student shall be always possible.*
2. The Program must include:
  - a. A minimum of 40 minutes of OW bottom time;
  - b. At least two (2) SCUBA dives.
    - *NOTE: The bottom time on each dive should not be less than 20 minutes.*
3. On any of the program dives the maximum depth should not exceed 40 fsw (12 msw).
4. On all dives, the IANTD Dive Tables must be used as either the primary non-decompression management or as a backup to a dive computer or custom software program or other tables approved by the IANTD BOD.
5. Appropriate safety stops must be performed.
6. No in-water decompression stops are allowed.
7. No more than three (3) OW dives shall be conducted on a given day
8. On all dives, ascend at a rate of 30 feet (9 meters) per minute or slower.
9. Upon completion of this program, the diver may dive only under the direct supervision of:
  - a. A Divemaster, Assistant Instructor, or Instructor, at a maximum ratio of four (4) Supervised Divers per Divemaster, Assistant Instructor, or Instructor, provided that the Divemaster, Assistant Instructor, or Instructor will be capable of establishing physical contact with any Supervised Diver at all times during the dive.
10. Supervised divers may only participate in diving activities where appropriate diver support is always available at the surface, and where in-water decompression stops are not required and under conditions that are equal or better than the conditions where they were trained.

## F. Waterskills Development

### Before and After ALL Confined Water Dive and Open Water Dive

1. Demonstrate the ability to configure dive equipment neatly.
2. Assemble and disassemble diving equipment.
  - a. At water's edge, boat or appropriate place.
3. Conduct pre-dive checks, at water's edge and in-water.
4. Surface entries and exit.
5. Provide post dive care of diving equipment.
  - a. At water's edge, boat or appropriate place.

### Confined Water Skills

6. Surface swim:
  - a. Continuous 200 yard (183 metre) surface distance swim and a 10 minute survival swim/float without the use of mask, fins, snorkel or of other swimming aids; OR
  - b. Continuous 300 yard swim using mask, fins and snorkel, and a 10 minute survival swim/float without mask, fins, snorkel or other swimming aid. If an exposure suit is used, the wearer must be neutrally buoyant at the surface.
7. Swim on surface while wearing full SCUBA diving equipment and switch from the regulator to snorkel and back at least 4 times for a distance of 165 feet (50 meters).
8. Swim on back (face up) on the surface while wearing full SCUBA diving equipment for a distance of 100 feet (30 meters).
9. Swim on the surface using SCUBA and BCD as a front oriented surface float for a distance of 100 feet (30 meters).



10. Practice buoyancy control and body posture on the surface.
11. On the surface practice the quick release of the weight ballast system.
12. Mask clearing and use.
13. Snorkel clearing and use.
14. Swim a distance of 10 feet (3 meters) underwater, recover and clear mask and partially clear snorkel.
15. Swim using mask, snorkel and fins for a distance of 33 feet (10 meters) underwater without surfacing.
16. Do a lateral Emergency Swimming Ascent (ESA).
17. Simulate a vertical ESA while free-diving from the deep end of a pool.

### **Confined Water & Open Water Skills**

18. Practice hand signal communication with buddy.
19. Practice general buddy system techniques.
20. On the surface, remove and replace SCUBA diving equipment.
21. On the surface, practice mouthpiece clearing – snorkel and regulator.
22. Swim on surface while wearing full SCUBA diving equipment and switch from the regulator to snorkel and back at least 4 times for a distance of 165 feet (50 meters)
23. Demonstrate and perform at least two (2) finning techniques.
24. Achieve proper weighting.
25. Demonstrate proper descent and ascent procedures.
26. While using scuba and at rest perform mask clearing, regulator clearing and regulator recovery.
27. While using scuba and at rest perform mask removal, controlled breathing without mask and mask replacement.
28. Practice buoyancy control and body posture underwater.
29. Demonstrate instrument monitoring.
30. Swim underwater using SCUBA without mask for 30 feet (9 meters).
  - *NOTE: In extremely cold water, restrict the no mask swim to Confined Water Only.*
31. Perform alternate gas source (octopus, secondary regulator, alternate air, etc.) gas sharing drill both as receiver and donor. **PROCEDURE:** The gas recipient diver must swim a distance of at least 30 feet (9 meters) (without breathing, and exhaling slowly) to the gas donor diver and commence gas sharing on the alternate second stage. Remain at rest for three (3) breaths and then swim, sharing gas, at a normal swim pace.
32. Demonstrate the ability to establish positive buoyant on the surface of the water by using power inflation and oral inflation of the BCD.
33. Diver assistance techniques:
  - a. Buddy: Simulate a tired diver situation by assisting him/her to reach the surface, to establish positive buoyancy and tow him/her for a distance of 30 feet (9 meters) with both the upper body method and again by the fin push method.
  - b. Self: Cramp removal

## Open Water Diver / Open Water EANx Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Open Water Diver Instructor or higher level of certification may teach this course.
- An EANx Instructor or higher is required in order to certify a diver as an Open Water EANx Diver.
- An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. This Program is designed to provide comprehensive training to those who wish to become SCUBA divers.
  2. This Program emphasizes the skills and knowledge needed to develop a safer novice diver and to develop a sense of confidence and responsibility in those joining the adventures of underwater discovery.
  3. This Program qualifies a diver to dive to a maximum depth of 60 fsw (18 msw) in open water, accompanied by other divers of at least the same level, without supervision of a Divemaster, Assistant Instructor or Instructor.
  4. The purpose of this program is to qualify a diver to participate in diving activities where appropriate Diver Support is always available at the surface, where in-water decompression stops are not required, and under conditions that are equal or better than the conditions where they were trained.
- *NOTE: If diving in conditions significantly different from those previously experienced the diver shall require an appropriate orientation.*

### B. Prerequisites

1. Age requirement:
    - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
    - b. A minimum of 18 years of age without guardian approval.
- *Jr. Open Water Diver - Students between 10 years of age and 14 years of age who meet the open water diver performance requirements may qualify for a Jr. Open Water Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*
- *Jr. Open Water EANx Diver - Students between 10 years of age and 14 years of age who meet the open water diver and the enriched air nitrox diver performance requirements may qualify for a Jr. Open Water Nitrox Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver and enriched air nitrox diver certification level or higher.*

### C. Program Content

1. At least one (1) general lecture must be included addressing the psychological aspects of SCUBA diving. This must include responsible diver attributes, and risk awareness and management for Sport diving.
2. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
3. All the water skills must be practiced until the student is proficient in each skill.
4. Plan dives and demonstrate ability to act as a responsible diver.
5. This program must include:
  - a. Academic Classes, Confined water session(s) and Open Water Dives.
6. Students must pass the specific IANTD Open Water Diver final exam with a minimum score of 80%.
  - *NOTE: The Open Water EANx Diver must also complete the EANx Diver Final Exam with a minimum score of 80%.*

## D. Equipment & Text Requirements

1. For IANTD Open Water Diver
  - a. The IANTD Open Water Student Kit.
2. For Open Water Nitrox Diver:
  - a. IANTD Open Water EANx Diver Student Kit or equivalent text(s) approved in writing by the Board of Directors (written approval will be issued by IANTD World Headquarters).
3. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 8 students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster or Assistant Instructor, up to a maximum of 12 students with two (2) IANTD Divemasters or Assistant Instructors, per class session*
    - ▶ *NOTE: The Instructor Ratio may be decreased according to instructor's discretion taking into consideration environmental conditions or other relevant factors, so as to allow adequate class control and supervision, or local legislation. Physical contact with every student shall be always possible.*
2. The Program must include:
  - a. A minimum of 80 minutes of Open Water bottom time.
  - b. A minimum of four (4) SCUBA dives.
    - ▶ *NOTE: Even if the time requirements are exceeded, a minimum of four (4) SCUBA dives must be made.*
    - ▶ *NOTE: The bottom time on each dive shall not be less than 20 minutes.*
    - ▶ *NOTE: For qualification as OWEANx Diver, two (2) dives must be on EANx.*
3. Open Water Dives:
  - a. Open water dives numbers one (1) and two (2) must be conducted to depths between 20 fsw (6 msw) and 30 fsw (9 msw).
  - b. At least one (1) of dives three (3) or four (4) must be conducted to a depth between 30 fsw (9 msw) and 60 fsw (18 msw).
    - ▶ *NOTE: No training dives may exceed 60 fsw (18 msw).*
    - ▶ ***NOTE: For Jr. Open Water Diver/Jr. Open Water EANx Diver with ages of 10-11 years old, the maximum depth is 40 fsw (12 msw).***
4. Appropriate safety decompression stops must be performed.
5. No more than three (3) OW dives shall be conducted on a given day.
6. On all dives, the IANTD Dive Tables must be used as either the primary decompression management or as a backup to a dive computer or custom software program or other tables approved by the IANTD BOD.
7. On all dives, ascend at a rate of 30 feet (9 meters) per minute or slower.
8. Upon completion of the Open Water EANx Diver Program, the diver may dive any EANx mixture from Air to EAN40.

## F. Water Skills Development

### Before and After ALL Confined Water Dive and Open Water Dive

1. Demonstrate the ability to configure dive equipment neatly.
2. Assemble and disassemble diving equipment.
  - a. At water's edge, boat or appropriate place.
3. Conduct pre-dive checks, at water's edge and in-water.
4. Surface entries and exit.
5. Provide post dive care of diving equipment.
  - a. At water's edge, boat or appropriate place.

### Confined Water Skills

6. Surface swim:
  - a. Continuous 200 yard (183 metre) surface distance swim and a 10 minute survival swim/float without the use of mask, fins, snorkel or of other swimming aids; OR
  - b. Continuous 300 yard swim using mask, fins and snorkel, and a 10 minute survival swim/float without mask, fins, snorkel or other swimming aid. If an exposure suit is used, the wearer must be neutrally buoyant at the surface.
7. Swim on surface while wearing full SCUBA diving equipment and switch from the regulator to snorkel and back at least 4 times for a distance of 165 feet (50 meters).
8. Swim on back (face up) on the surface while wearing full SCUBA diving equipment for a distance of 100 feet (30 meters).
9. Swim on the surface using SCUBA and BCD as a front oriented surface float for a distance of 100 feet (30 meters).
10. Practice buoyancy control and body posture on the surface.
11. On the surface practice the quick release of the weight ballast system.
12. Mask clearing and use.
13. Snorkel clearing and use.
14. Swim a distance of 10 feet (3 meters) underwater, recover and clear mask and partially clear snorkel.
15. Swim using mask, snorkel and fins for a distance of 33 feet (10 meters) underwater without surfacing.
16. Do a lateral Emergency Swimming Ascent (ESA).
17. Simulate a vertical ESA while free-diving from the deep end of a pool.
18. Underwater remove and replace SCUBA diving equipment on the bottom, at a depth no greater than 20 fsw (6 msw).
19. Optional Skill: (not required) Simulate or perform (Instructor's option) manual gas sharing emergency. The simulation is accomplished by:
  - a. The gas recipient diver must swim a distance of at least 25 feet (8 meters) (without breathing, and exhaling slowly) and commence simulated gas sharing
  - b. The gas donor diver handing regulator off as in actual gas sharing, but gas recipient dive breathes two (2) breaths from his/her own regulator,
  - c. The gas recipient diver returns the regulator back to the gas donor diver. At this time, the gas recipient diver regulator is removed from the mouth until the simulated regulator is handed back.

► *NOTE: At least three (3) breaths are taken at rest, followed by a 10 minute swim at a normal swim rate or equivalent method.*

### Confined Water & Open Water Skills

20. Practice hand signal communication with buddy.
21. Practice general buddy system techniques.
22. On the surface, remove and replace SCUBA diving equipment.
23. On the surface, practice mouthpiece clearing – snorkel and regulator.
24. Swim on surface while wearing full SCUBA diving equipment and switch from the regulator to snorkel and back at least 4 times for a distance of 165 feet (50 meters)
25. Demonstrate and perform at least two (2) finning techniques.
26. Achieve proper weighting.
27. Demonstrate proper descent and ascent procedures.
28. While using scuba and at rest perform mask clearing, regulator clearing and regulator recovery.
29. While using scuba and at rest perform mask removal, controlled breathing without mask and mask replacement.
30. Using Scuba and at rest remove and replace weight ballast system.
31. Practice buoyancy control and body posture underwater.
32. Demonstrate instrument monitoring.

33. Swim underwater using SCUBA without mask for 30 feet (9 meters).
  - *NOTE: In extremely cold water, restrict the no mask swim to Confined Water Only.*
34. Perform alternate gas source (octopus, secondary regulator, alternate air, etc.) gas sharing drill both as receiver and donor. **PROCEDURE:** The gas recipient diver must swim a distance of at least 30 feet (9 meters) (without breathing, and exhaling slowly) to the gas donor diver and commence gas sharing on the alternate second stage. Remain at rest for three (3) breaths and then swim, sharing gas, at a normal swim pace.
35. Demonstrate the ability to perform simple underwater navigation without the use of a compass.
36. Deploy a DSMB or Lift Bag
37. Demonstrate the ability to establish positive buoyant on the surface of the water by using power inflation and oral inflation of the BCD.
38. Diver assistance techniques:
  - a. Buddy: Simulate a tired diver situation by assisting him/her to reach the surface, to establish positive buoyancy and tow him/her for a distance of 30 feet (9 meters) with both the upper body method and again by the fin push method.
  - b. Self: Cramp removal



## Advanced Open Water Diver

▶ **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- ▶ An Open Water Diver Instructor or higher level of certification may teach this course.
- ▶ Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. This mid-level Continuing Education Program is designed to enable IANTD Open Water Divers to extend their proficiency in the water and to gain more supervised practical experience.
2. The purpose of this program is to qualify a diver to dive to a maximum depth of 100 fsw (30 msw).

### B. Prerequisites

1. Certification requirements:
  - a. Must be a qualified IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR
  - b. A minimum of 18 years of age without guardian approval.
    - ▶ *Jr. Advanced Open Water Diver - Students between 10 years of age and 14 years of age who meet the advanced open water diver performance requirements may qualify for a Jr. Advanced Open Water Diver certification that allows them to dive under the supervision of an adult who has a minimum of an advanced open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - ▶ IANTD recommends the use of both, Course Specific Presentation and workbook
  - ▶ All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. All the water skills must be practiced until the student is proficient in each skill.
3. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s).
  - c. Open Water Dives.
4. Students must pass the specific IANTD Adv. OPW Diver test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Advanced Open Water Diver Student Kit.
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 8 students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of 12 students with two (2) IANTD Divemasters per class session.*

2. The Program must include:
  - a. A minimum of 120 minutes of OW bottom time
  - b. SCUBA Dives within four (4) to seven (7) dives.
    - I. One (1) dive must be to between 80 fsw and 100 fsw (24 msw and 30 msw);
    - II. One (1) dive must be a Night Dive;
    - III. One (1) dive must be Navigation Dives:
      - i. Natural Navigation;
      - ii. Compass Navigation.

► **NOTE: For Jr. Advanced Open Water Diver with ages of 10-11 years old, the maximum depth is 70 fsw (21 msw).**

► **NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within four (4) SCUBA dives.**
3. Appropriate safety decompression stops must be performed.

## F. Water Skills Development

1. Develop and demonstrate buoyancy control by:
  - a. Performing precision hovering maintaining same depth plus minus 3 fsw (1 msw) below or above;
  - b. Performing a 30 fsw (9 msw) ascent rate.
2. Perform at least 5 skill dives, from the IANTD Specialty Programs or Instructor Specific Specialties Programs.
 

► **NOTE: More than one [1] skill dive may be completed per dive.**
3. Perform at least one (1) alternate second stage gas sharing ascent dive as below:
  - a. *Both divers must swim a distance of at least 25 feet (8 meters) towards each other (without breathing, and exhaling slowly) and commence simulated gas sharing using the alternate second stage of the gas donor diver.*
4. Complete natural navigation dive.
5. Complete the following compass navigation patterns:
  - a. Reciprocal Course, Square Course & Equilateral Triangular Course.
6. Complete "S" drill procedures.

## Rescue Diver

▶ **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- ▶ An Open Water Diver Instructor or higher level of certification may teach this course.
- ▶ An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. This Program is designed to develop proficiency in self-rescue and buddy-rescue.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Advanced Open Water Diver or equivalent or must provide proof of a minimum of 10 logged dives.
    - II. IANTD Diving First Aid or equivalent
    - III. IANTD Oxygen Administrator or equivalent
    - IV. IANTD CPR or equivalent
    - ▶ *NOTE: The Diving First Aid, CPR and Oxygen Administrator Programs may be taken concurrently with the Rescue Diver Course.*
    - ▶ *NOTE: AED certification is recommended.*
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - ▶ IANTD recommends the use of both, Course Specific Presentation and workbook
  - ▶ All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. All the water skills must be practiced until the student is proficient in each skill.
3. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s).
  - c. Open Water Dives.
4. Students must pass the specific IANTD Rescue Diver test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Rescue Diver Student Kit.
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than eight (8) students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of 12 students with two (2) IANTD Divemasters per class session.*

2. The Program must include:
  - a. A minimum of 120 minutes of OW bottom time.
  - b. A minimum of four (4) SCUBA dives
    - *NOTE: Even if the time requirements are exceeded, a minimum of four (4) SCUBA dives must be made.*
3. No training dives may be conducted to depths greater than 60 fsw (18 msw).
4. No ESA may be conducted from depths greater than 30 fsw (9 msw).
5. No unresponsive or unconscious diver drills may be conducted from depths greater than 30 fsw (9 msw).

## F. Water Skills Development

- *NOTE: On search patterns and other group proficiency skills, the entire group may participate to increase the learning ability.*
- *NOTE: All rescue skills must be under the direct supervision of the instructor. However, Divemasters may direct the skills, provided the instructor is in a position to intervene in a reasonable time fashion, if needed.*
- *NOTE: When performing rescue skills, no more than one (1) team per Divemaster may be active at the same time, and all participants must be within a distance that the instructor may maintain indirect supervision ability.*

### Missing Diver Skills (Required)

1. Determine last sighting of missing diver, and then conduct a straightline search to last know location, followed by search patterns (circle, grid, etc.).

### Buddy Assist Skills (Required)

2. Emergency Options Drill:
  - a. Instructor allows divers to become separated by a short distance (e.g.: as divers are swimming, stop one diver without the other's knowledge and allow the unstopped diver to continue for about three (3) kick cycles). Then have the stopped diver swim (without breathing, and slowly exhaling) to the unstopped diver and communicate a need for gas, followed by gas sharing on alternate second stage.
  - b. Then repeat the same drill, except that this time you will instruct the buddies do a gas sharing ascent.
  - c. At a depth no greater than 20 fsw (6 msw), separate buddy pair(s) from each other by a distance slightly greater than water depth, and inform one of the divers that he or she is out of gas. Allow this diver to choose the safer way to deal with the problem. If the diver decides that the surface is closer and more realistic, and performs an ESA, terminate the drill and get the divers together again.
  - d. Repeat the previous step at a depth greater than 20 fsw (6 msw), with the two (2) divers separated by 20 feet (6 meters). Gas sharing drill for out of air diver should become a more appropriate option as the depth increases.
3. Assist an exhausted diver underwater.
4. Assist a disoriented diver.
5. Assist a tired buddy on surface, using fin pushes and diver tows.

### Diver and Buddy Rescue skills (Required)

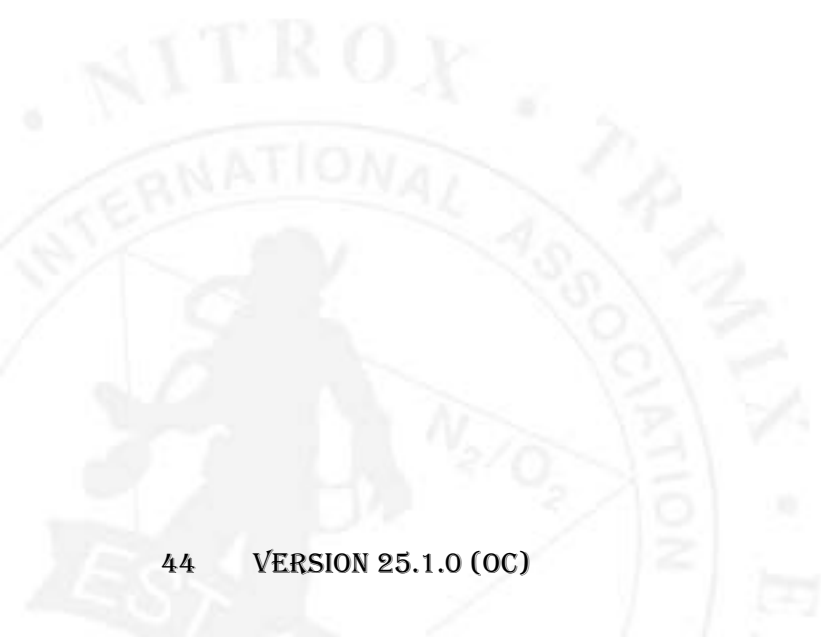
6. Use of extensions, surface floats, ring buoys, etc. from boat or dock.
7. In-water use of extensions and buoys.
8. Blocks and parries from panicky diver.
9. Cross equipment/chest carry and control carry.
10. Swimming rescue of struggling victim.
11. Rescue of an injured or unconscious diver from bottom.
12. Rescue breathing and "dosie-doe", and other carries enabling ease of mouth to mouth rescue breathing.
13. Equipment removal and transporting diver to a stable platform and/or beach. (Practice methods of ditching equipment, techniques for getting victim out of water.).
14. Simulate CPR and EMS activation.

**Required Skills Final Check**

15. Locate a missing diver who is unconscious and coordinate a complete rescue.

**Personal Rescue Skills (Optional).**

16. Simulate having fallen from a boat in shirt, pants and shoes. Once in water, remove shoes, then remove pants and inflate them as a surface float. Remain afloat for 10 minutes. Trap air bubble in back of shirt to give additional buoyancy.
17. Perform drown proofing (remain motionless in the water while holding arms and legs, arch back to get a breath of air and float until next breath is needed) for 3 minutes.
18. Perform hand signals to get rescue.
19. Surface dive to 20 fsw (6 msw) or swim laterally for 20 feet (6 meters) and recover a 10 pound weight.
20. Remain afloat for 10 minutes by any means.
21. Surface dive to 20 fsw (6 msw) or swim laterally for 20 feet (6 meters) and simulate an ESA. Be sure to exhale continuously as if on SCUBA, and to have a good body flare as the surface is approached.
22. With SCUBA diving equipment, perform one (1) ESA from 10 fsw (3 msw), one (1) ESA from 20 fsw (6 msw) and one (1) ESA from 30 fsw (9 msw). Concentrate on slow ascents, controlled continuous exhalation and good body flare. Repeat several times.
23. Swim without a mask or with a flooded mask on SCUBA for 3 minutes.
24. Swim SCUBA with a flooding second stage (leaking exhaust valve) for 2 minutes.
25. Simulate a wide open free flow and use regulator for 2 minutes.
26. Simulate a blown O-ring between the cylinder and regulator, and have student turn valve on as they inhale and off as they exhale for two (2) minutes.





## Enriched Air Nitrox (EANx) Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- EANx Diver Instructor or higher level of certification may teach this course.
- An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. This Program is designed to provide Sport Divers with a safer than air breathing medium for enjoying dives in the 40 to 132 fsw (12 to 40 msw) depth ranges. The diver may elect to dive the “mix” on EANx tables, or dive conservatively using air dive computers or air tables.
2. The IANTD EANx Diver qualification may be taught as a single Program or combined with a variety of the IANTD Advanced or Specialty Diver Programs.
3. The Program covers the use of EANx mixes in the range of 21% to a maximum of 40% oxygen.

### B. Prerequisites

1. Certification requirements:
  - a. Must be a qualified Open Water Diver.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.

► *Jr. EANx Diver - Students between 10 years of age and 14 years of age who meet the enriched air nitrox diver performance requirements may qualify for a Jr. EANx Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver and enriched air nitrox diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook.
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. This program must include:
  - a. Academic Classes.
  - b. Gas Analyses
  - c. Open Water Dives (Optional).
3. Students must pass the specific IANTD EANx test with a minimum score of 80%.
4. Students must, under direct supervision of the instructor, demonstrate proficiency in at least three (3):
  - a. Oxygen analyzer calibration;
  - b. Different Gas analyzes;
  - c. Cylinder labeling/markings;
  - d. Gas analyzes log book registration.
5. Program covers all EANx mixes from 21% to a maximum of 40% oxygen, emphasizing the use of EAN 32 and EAN 36.
  - **NOTE:** Upon completion of the lecture portion and passing the written exam, the IANTD EANx Diver card will be issued.

## D. Equipment Requirements

1. IANTD EANx Diver Student Kit.
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

## E. Program Limits

1. No dives may be conducted to depths greater than the student's previous qualification, or a maximum of 132 fsw (40 msw).
2. Maximum PO<sub>2</sub> limit is 1.6 ata
  - ▶ *NOTE: Appropriate safety decompression stops must be performed.*
  - ▶ *NOTE: It is recommended that, all divers perform two (2) dives on an EANx mixture of between 24 and 40% oxygen.*

## F. Water Skills Development

### If OW dives are made:

1. Students must, under direct supervision of the instructor, demonstrate proficiency in the following for ALL the gases to be used:
  - a. Oxygen analyzer calibration;
  - b. Gas analyzes;
  - c. Cylinder labeling/markings;
  - d. Gas analyzes log book registration.
2. The Instructor may elect to use the applicable EANx tables or plan the dives as if air were used, thus capitalizing on the maximum physiological safety factor.
3. Students must develop a dive plan appropriate for the mixes being used on both dives.
4. Demonstrate the ability to configure dive equipment neatly.
5. Assemble and disassemble diving equipment.
6. Conduct pre-dive checks.
7. Provide post dive care of diving equipment.
8. Practice hand signal communication with buddy.
9. Practice general buddy system techniques
10. Surface entries and exit.
11. Demonstrate and perform at least two (2) finning techniques.
12. Achieve proper weighting.
13. Demonstrate proper descent and ascent procedures.
14. Practice buoyancy control and body posture underwater.
15. Demonstrate instrument monitoring.
16. Deploy a DSMB or Lift Bag.
17. Demonstrate the ability to establish positive buoyant on the surface of the water by using power inflation and oral inflation of the BCD.

## Recreational Trimix Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Recreational Trimix Instructor or an EANx Instructor who is also an Advanced Recreational Trimix Diver or Advanced Recreational Trimix Diver Instructor or higher level of certification may teach this course.
- An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration

### A. Purpose

1. The purpose of this Program is designed to provide Sport Divers with a breathing medium for extending their dives to Sport Diving Depths by using ENDs no greater than 100 fsw (30 msw) depth ranges.
2. The program qualifies divers to do no-stop required dives using Recreational Trimix Gas mixtures to a depth of 132 fsw (40 msw).

### B. Prerequisites

1. Certifications requirements::
  - a. Must be qualified as:
    - I. IANTD Deep Diver or equivalent
    - II. IANTD EANx Diver or equivalent
      - *NOTE: The Deep Diver and/or the EANx Diver course can be made in conjunction with the Recreational Trimix Diver course.*
2. Age requirement:
  - a. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum or 18 years of age without guardian approval.
3. Dive experience:
  - a. Must provide proof of a minimum of 15 logged dives.

### C. Program Content

- *NOTE: The IANTD Recreational Trimix Diver qualification may be taught as a single program or combined with a variety of the IANTD Diver Programs or Specialty Diver Programs*
- *NOTE: The use of Recreational Trimix mixtures are required in this course.*
- 1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook.
- 2. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s);
    - If Open Water Dives are chosen to be made.
  - c. Open Water Dives (OPTIONAL)
- 3. Students must pass the specific IANTD Recreational Trimix Diver test with a minimum score of 80%.
- 4. Program covers all Recreational Trimix gas mixes from 28% to a maximum of 40% oxygen, and Helium concentrations yielding an END no greater than 100 fsw (30 msw) emphasizing the use of 32/15

### D. Equipment Requirements

1. IANTD Recreational Trimix Diver Student Kit.
  - *NOTE: Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. If OW divers are chosen to be made:
    - i. There may be no more than 4 students per Instructor.
      - *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of 6 students with one (1) IANTD Divemasters per class session.*

2. The Program must include:

**Open water dives are OPTIONAL, so if OW dives are chosen to be made:**

- a. A minimum of 60 minutes of Open Water bottom time.
- b. A minimum of two (2) SCUBA dives
  - *NOTE: The two (2) dives must be done using recreational trimix mixtures*
  - *NOTE: The two dives must be done to depth between 90 fsw (27 msw) and 132 fsw (40 msw)*
  - *NOTE: Even if the time requirements are exceeded, a minimum of two (2) SCUBA dives must be made.*
  - *NOTE: The bottom time on each dive shall not be less than 20 minutes.*
3. No dives may be conducted to depths greater of 132 fsw (40 msw)
4. No dives may be conducted with an END greater than 100 fsw (30 msw).
5. Appropriate safety decompression stops must be performed.
6. Safety stops will be at 30 fsw (9 msw)- 20 fsw (6 msw) and 15 fsw (4.5 msw) each stop will be a minimum of 1 minute.
7. No dives having a mandatory Decompression Stop may be made (unless the course is combined with one requiring stops).
8. No dives may be made with a PO<sub>2</sub> greater than 1.6 ata.

## F. Water Skills Development

**Open water dives are OPTIONAL, so if OW dives are choose to be made:**

- *NOTE: The diver may elect to dive the "mix" on tables or computers.*
1. Demonstrate:
    - a. Ability to plan Recreational Trimix dives,
    - b. Good buoyancy control;
    - c. Proficiency in body posture underwater for a streamlined swimming posture and avoidance of silt.
  2. Configure dive equipment for the most streamlined and efficient method and demonstrate proficiency in its management.
  3. Perform gas sharing drill on the alternate second stage while having the out of gas diver swim 40 feet (12m) to the donor without breathing.
  4. Perform one (1) gas sharing drill on ascent.

## Deep Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Open Water Diver Instructor who is at least Advanced EANx Diver or higher level of certification may teach this course.
- An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration

### A. Purpose

1. This Program is designed to provide responsible training to divers who plan to dive to a maximum of 132 fsw (40 msw) on air.
2. The IANTD Deep Diver Program trains divers in skills, performance, theory and planning of deep dives.
3. This Program remains within the commonly practiced depth of 132 fsw (40 msw).
  - *Note: This is the first sanctioned international Program to provide proper training in safe deep diving skills and performance.*

### B. Prerequisites

1. Certifications requirements:
  - a. IANTD Advanced Open Water Diver or equivalent.
2. Age requirement:
  - a. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum of 18 years of age without guardian approval.
    - A written waiver can be requested, to IANTD HQ and Licensee, for a 12 years of age for Diver qualification with a parent or guardian authorization.
3. Dive experience:
  - a. Must provide proof of a minimum of 10 logged dives.

### C. Program Content

- *NOTE: This Program may be taught in conjunction with the IANTD EANx Diver Program or the Recreational Trimix Diver Program or the IANTD Advanced EANx Diver Program.*
1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
    - IANTD recommends the use of both, Course Specific Presentation and workbook
  2. All the water skills must be practiced until the student is proficient in each skill.
  3. This program must include:
    - a. Academic Classes.
    - b. Confined water session(s).
    - c. Open Water Dives.
  4. Students must pass the specific IANTD Deep Diver test with a minimum score of 80%.

### D. Equipment Requirements

1. IANTD Deep Diver Student Kit.
    - a. If this program is combined with other IANTD programs:
      - I. IANTD Diver Student Manual and Student Kit or equivalent text(s) approved in writing by the Board of Directors (written approval will be issued by IANTD World Headquarters) must be also acquired.
- *NOTE: Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.*



## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) students for each assisting IANTD DiveMaster, up to a maximum of 6 students with one (1) IANTD Divemasters per class session.*
2. The Program must include:
  - a. A minimum of 100 minutes of OW bottom time.
  - b. A minimum of four (4) SCUBA dives.
    - ▶ *NOTE: Two dives must be done to depth between 90 fsw (27 msw) and 132 fsw (40 msw)*
    - ▶ *NOTE: Even if the time requirements are exceeded, a minimum of four (4) SCUBA dives must be made.*
    - ▶ ***NOTE: At the Instructor discretion, Deep Diver candidate who is already certified as Essentials Diver the open water dive requirements can be reduced to:***
      - ▶ ***A minimum of two (2) Open Water Dives and 90 minutes.***
      - ▶ ***Both dives must be done to depth between 90 fsw (27 msw) and 132 fsw (40 msw)***
3. No dives may be conducted to depths greater of 132 fsw (40 msw).
4. No mandatory decompression stops are to be planned.
5. Appropriate safety decompression stops must be performed.

## F. Water Skills Development

1. Swim in full underwater equipment for 5 minutes.
2. Calculate RMV from gas consumed during a 10 minute swim (based on change in cylinder pressure).
3. Become proficient in the following propulsion techniques:
  - a. Modified flutter
  - b. Modified frog
  - c. Modified dolphin
  - d. Standard shuffle kicks.
4. (RB or Mixed Teams and OC) Demonstrate buoyancy control by combining with following skills.
  - a. A timed ascent at a rate of 20 ft. (6 m) per minute.
  - b. Hover at constant depth for 3 minutes.
5. Swim 75 feet (23 meters) in full equipment without mask.
6. Swim in a simulated out of air situation:
  - a. Once diver has calmed breathing on regulator or if buddy is OC diver take his regulator then continue to swim for at least 2 minutes while maintaining a normal swim rate.
  - ▶ ***NOTE: All gas sharing drills are via the alternate second stage and not manual air sharing from the same second stage.***
7. Perform valve shutdowns:
  - a. Change regulators and shut the primary regulator valve off reopen valve
  - b. Repeat as if the secondary (backup) regulator had malfunctioned.
  - ▶ *Note: Repeat until skill (both valve openings shutdowns) is completed in less than two (2) minutes.*
8. Close and open cylinder valves on all dives.
9. Deploy DSMB or Lift Bag on at least two (2) occasions.
  - ▶ *NOTE: Deploy a DSMB or Lift Bag in less than two (2) minutes.*
10. Remove and replace cylinder and BCD at surface on at least one (1) dive.

## G. Watermanship Evaluation (Recommended)

► **NOTE:** This watermanship, if done, must be completed during course.

► **NOTE:** 80% = passing [80 / 100 Points].

► **NOTE:** This evaluation may be accomplished in one (1) session or during a sequence of training dives.

### 1. Skill One (25 points, to be completed in confined water)

- a. Two buddies with blacked-out masks (or closed eyes) face each other at a distance of 50 feet (15 meters) apart, and follow a line or other reference towards each other, without breathing. Upon contact, they commence gas sharing (alternate second stages or pony cylinder hand off) and maintain contact with each other while swimming for a distance of 900 feet (275 meters).

Time (mm:ss)	Points	Time	Points	Time	Points	Time	Points
14 min. or less	25	15:41 to 16:00	20	17:01 to 17:15	14	18:21 to 18:40	04
14:01 to 14:20	24	16:01 to 16:15	19	17:16 to 17:30	12	18:41 to 19:00	02
14:21 to 14:40	23	16:16 to 16:30	18	17:31 to 17:45	10	Over 19 minutes	00
14:41 to 15:00	22	16:31 to 16:45	17	17:46 to 18:00	08		
15:01 to 15:40	21	16:46 to 17:00	16	18:01 to 18:20	06		

### 2. Skill Two (25 points)

- a. Ascend from a depth of at least 60 fsw (18 msw) at a rate of 30 feet (9 meters) per minute, plus a 10 minute safety stop at a depth of 15 fsw (4.5 msw), with depth variation no greater than 3 fsw (1 msw) for the duration of the stop. The ascent is to be controlled via the BCD, not by pulling up a line. Score 25 points if performed correctly. Subtract one point for each one foot (0.3 meter) per minute variation in ascent rate during the overall average ascent to 15 (4.5 meters), and subtract 1 point each time the student changes depth by more than 3 fsw (1 msw) during the 10 minute safety stop.

### 3. Skill Three (25 points)

- a. Deploy a DSMB or Lift Bag from a depth of 20 fsw (6 msw), and at least 30 fsw (9 msw) above the bottom. The diver must complete the deployment and maintain depth within a maximum of ten feet (3 meters) variation (i.e., the diver cannot ascend to a depth shallower than 10 fsw [3 msw], or descend to a depth greater than 30 fsw [9 msw]) during deployment of the bag. Score 25 points if the skill is completed successfully, and subtract 5 points for each depth variation greater than 10 fsw (3 msw).

### 4. Skill Four (25 points, confined water) Use of malfunctioning equipment:

- a. Use a free flowing regulator for 3 minutes.
- b. Maintain buoyancy control via oral inflation of the BCD for five (5) minutes.

► **NOTE:** During this time, swim for a distance of at least 50 feet (15 meters) at one depth, then ascend by 3 fsw (1 msw) and repeat, then descend by 3 fsw (1 msw) and repeat. This should be followed by a controlled ascent and controlled descent at a rate of no more than 10 fsw (3 msw) per minute, while swimming in an area with a variation in depth. Score 25 points if all skills are completed successfully, and subtract 4 points for each violation of procedure on any of the skills, or if any skill needs to be repeated.

## Elite SCUBA Diver

### A. Purpose

1. This certification has been designed to provide divers with the highest recognition in the recreational level before entering the professional diving circle in teaching or in technical diving.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Advanced Open Water Diver or equivalent.
    - II. IANTD Rescue Diver or equivalent.
    - III. Must have 5 IANTD certifications between IANTD Specialized Programs, Tek Lite Programs and Overhead & Technical Programs.
      - *NOTE: Only IANTD Specialized programs other than Diver First Aid, CPR, Oxygen Administrator or AED are valid for the application.*
2. Age requirement:
  - a. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum of 18 years of age without guardian approval.
3. Dive experience:
  - a. Proof of a minimum of 50 logged dives

### C. Program Content

1. N/A

### D. Equipment Requirements

1. N/A

### E. Program Limits

1. Only IANTD Specialized Programs, Tek Lite Programs and Overhead & Technical Programs are accepted for this application.

### F. Water Skills Development

1. There is no water skills required.

### G. Application Procedure

1. Fill & submit the Elite Diver Application Form to an IANTD Instructor, HQ or local licensee.



## IANTD ADDITIONAL SPECIALIZED DIVER PROGRAMS



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*The leader in diver education*

## Automatic External Defibrillator (AED)

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Automatic External Defibrillator Instructor or higher level of certification may teach the Automatic External Defibrillator Program.

### Who may take this course?

- Any individual. Need not be a diver.

## A. Purpose

1. This Program is designed to teach people how to utilize an AED.

## B. Prerequisites

1. Age Requirement:
  - a. Must be a minimum of 12 years of age for Junior Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - c. Must be a minimum or 18 years of age without guardian approval.
- *No other requirement for any of the program.*

## C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of diver first aid or Oxygen Administration or AEDs.

## D. Text Requirements

1. IANTD Rescue Diver Manual and Video along with Diver First Aid Student Kit.

## E. Equipment Requirements

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## F. Program Limits

1. No diving activities may exceed the qualifications of the student.

## G. Water Skills Development

1. There are no specific water skills required for this program



## Boat Diver

- **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Boat Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Boat Divers an overall awareness of the boat and to perform from boats.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Boat Diver - Students between 10 years of age and 14 years of age who meet the Boat Diver performance requirements may qualify for a Jr. Boat Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Boat Terminologies and areas
  - b. Boat Procedures
  - c. Radio basic use
4. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

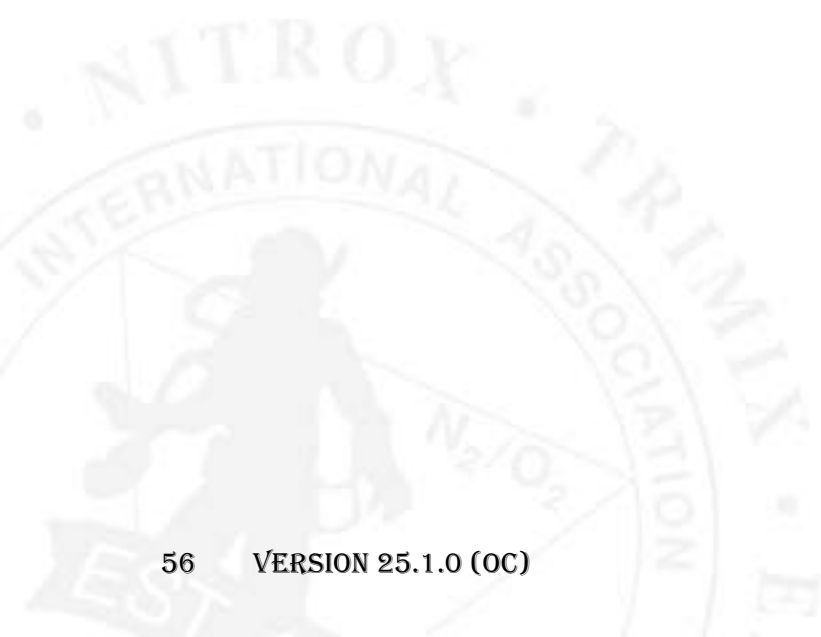
### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Identify boats areas (Port Side, Starboard, Stern, Bow etc...)
2. How to move and behave inside the boat
3. Basic use of the radio (Emergency channels, Conversation etc...)
4. Keep the boat organized:
  - a. Dry areas
  - b. Wet areas
  - c. Equipment
5. Don the equipment using a Buddy System
6. Boat Exits (Water Entrances):
  - a. Giant Strike
  - b. Back Roll (If there is an inflate boat available, use the inflate boat to perform the back roll water entrance)
  - c. Giant Strike without SCUBA equipment and SCUBA don at the surface
7. Boat Entrances (Water Exits):
  - a. All gear up using the stairs
  - b. Remove the equipment at the surface

► *If there is an Inflate Boat available, get back on board*
8. Review of the emergencies procedures taught in the Open Water Diver program



## Complex Navigation Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Complex Navigation Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Complex Navigation Divers an overall awareness of the Complex Navigation dive and to be able perform Complex Navigation dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Complex Navigation Diver - Students between 12 years of age and 14 years of age who meet the Complex Navigation Diver performance requirements may qualify for a Jr. Complex Navigation Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Complex Navigation Terminologies and areas
  - b. Complex Navigation Procedures
  - c. Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

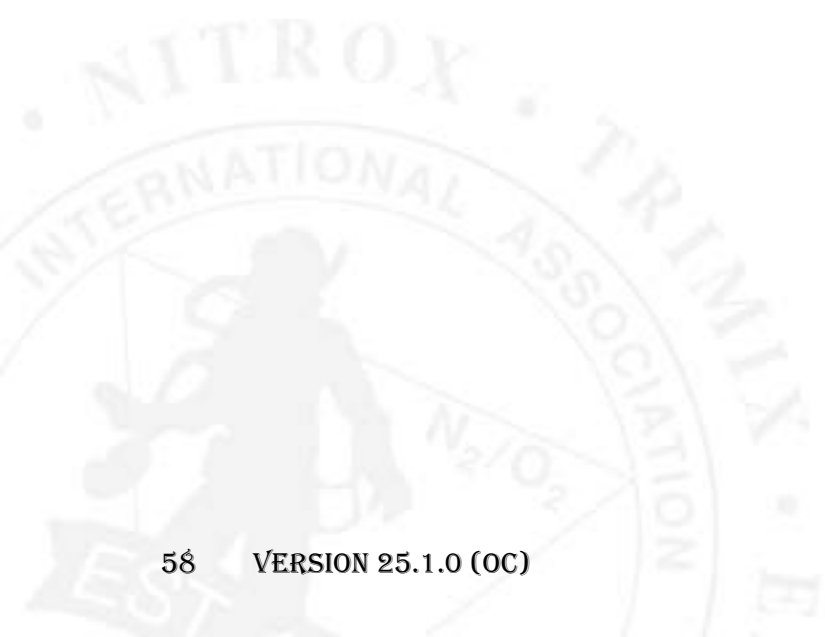
### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*

2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. Dive Procedures
3. Complex Navigation Diving Equipment & Features
4. Navigation Methods
5. Distance Measurement Techniques
6. Navigation Patterns
7. Environmental Considerations
8. Communication & Signals
9. Safety stop procedures
10. Planning and Procedures
11. Buddy organization
12. Common Hazards & Problems
13. Emergency procedures
14. Buoyancy control
15. Perform an ascent sharing gas and establish positive buoyancy on the surface
16. Each diver is to perform an ascent managing a Surface Marker Buoy or DSMB as the lead diver and the buddy on at least 2 dives.



## Cardio Pulmonary Resuscitation (CPR)

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Cardio Pulmonary Resuscitation Instructor or higher level of certification may teach the CPR Program.

### Who may take this course?

- Any individual. Need not be a diver.

### A. Purpose

1. This Program is designed to teach people how to perform CPR on people who are old enough to dive for dive accident management.

### B. Prerequisites

1. Age Requirement:
  - a. Must be a minimum of 12 years of age for Junior Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - c. Must be a minimum of 18 years of age without guardian approval.
- *No other requirement for any of the program.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of diver first aid or Oxygen Administration or AEDs.

### D. Text Requirements

1. IANTD Rescue Diver Manual and Video along with Diver First Aid Student Kit.

### E. Equipment Requirements

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

### F. Program Limits

1. No diving activities may exceed the qualifications of the student.

### G. Water Skills Development

1. There are no specific water skills required for this program



## Deep Deco Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- A Deep Deco Diver Instructor or an Open Water Diver Instructor who is at least:
  - Recreational Essentials Instructor and Advanced EANx Diver or higher level of certification may teach this course.
- An Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration

### A. Purpose

1. This Program is designed to provide responsible training to divers who plan to dive to a maximum of 132 fsw (40 msw) on air and perform a limited required decompression stops.
2. The IANTD Deep Deco Diver Program trains divers in skills, performance, theory and planning of deep deco dives with limited required decompression stops.
3. This Program remains within the commonly practiced depth of 132 fsw (40 msw).
  - *Note: This is the first sanctioned international Program to provide proper training in safe deep diving skills and performance.*

### B. Prerequisites

1. Certifications requirements:
  - a. IANTD Advanced Open Water Diver or equivalent.
  - b. IANTD Recreational Essentials Diver or higher
    - *NOTE: The Recreational Essentials Diver program may be taken concurrently with the Deep Deco Diver Course*
2. Age requirement:
  - a. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum or 18 years of age without guardian approval.
    - A written waiver can be requested, to IANTD HQ and Licensee, for a 12 years of age for Diver qualification with a parent or guardian authorization.
3. Dive experience:
  - a. Must provide proof of a minimum of 20 logged dives.

### C. Program Content

- *NOTE: This Program may be taught in conjunction with the IANTD EANx Diver Program or the Recreational Trimix Diver Program or the IANTD Advanced EANx Diver Program.*
1. Use of the Deep Diver Presentation.
  2. All the water skills must be practiced until the student is proficient in each skill.
  3. This program must include:
    - a. Academic Classes.
    - b. Confined water session(s).
    - c. Open Water Dives.
  4. Students must pass the specific IANTD Deep Diver test with a minimum score of 80%.

## D. Equipment Requirements

1. IANTD Deep Diver Student Kit.
    - a. If this program is combined with other IANTD programs:
      - I. IANTD Diver Student Manual and Student Kit or equivalent text(s) approved in writing by the Board of Directors (written approval will be issued by IANTD World Headquarters) must be also acquired.
- *NOTE: Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.
 

► *NOTE: This ratio may be increased by two (2) students for each assisting IANTD DiveMaster, up to a maximum of 6 students with one (1) IANTD Divemasters per class session.*
2. The Program must include:
  - a. A minimum of 120 minutes of OW bottom time.
  - b. A minimum of four (4) SCUBA dives.
 

► *NOTE: Two dives must be done to depth between 90 fsw (27 msw) and 132 fsw (40 msw)*

► *NOTE: Even if the time requirements are exceeded, a minimum of four (4) SCUBA dives must be made.*

► ***NOTE: At the Instructor discretion, Deep Deco Diver candidate who is already certified as Recreational Essentials Diver the open water dive requirements can be reduced to:***

► ***A minimum of two (2) Open Water Dives and 100 minutes.***

► ***Both dives must be done to depth between 90 fsw (27 msw) and 132 fsw (40 msw)***
3. No dives may be conducted to depths greater of 132 fsw (40 msw).
4. The entire dive, including decompression, has to be completed using the same gas mix.
5. Switches to different gas mixes are not permitted at any time.
6. Mandatory decompression stops are limited to a maximum of 10 minutes.
7. Maximum PO<sub>2</sub> no greater than 1.6 at any time.
8. Appropriate safety decompression stops must be performed.

## F. Water Skills Development

1. Swim in full underwater equipment for 5 minutes.
2. Calculate RMV from gas consumed during a 10 minute swim (based on change in cylinder pressure).
3. Become proficient in the following propulsion techniques:
  - a. Modified flutter
  - b. Modified frog
  - c. Modified dolphin
  - d. Standard shuffle kicks.
4. (RB or Mixed Teams and OC) Demonstrate buoyancy control by combining with following skills.
  - a. A timed ascent at a rate of 20 ft. (6 m) per minute.
  - b. Hover at constant depth for 3 minutes.
5. Swim 75 feet (23 meters) in full equipment without mask.
6. Swim in a simulated out of air situation:
  - a. Once diver has calmed breathing on regulator or if buddy is OC diver take his regulator then continue to swim for at least 2 minutes while maintaining a normal swim rate.

► ***NOTE: All gas sharing drills are via the alternate second stage and not manual air sharing from the same second stage.***

7. Perform valve shutdowns:
  - a. Change regulators and shut the primary regulator valve off reopen valve
  - b. Repeat as if the secondary (backup) regulator had malfunctioned.

► *Note: Repeat until skill (both valve openings shutdowns) is completed in less than two (2) minutes.*
8. Perform at least 2 dives using the decompression cylinder during the decompression stops.
9. Perform at least 2 dives with simulated or real decompression stops.
10. Close and open all cylinder valves on all dives.
11. Deploy DSMB or Lift Bag on at least two (2) occasions.
 

► *NOTE: Deploy a DSMB or Lift Bag in less than two (2) minutes.*
12. Remove and replace cylinder and BCD at surface on at least one (1) dive.

## G. Watermanship Evaluation (Recommended)

- *NOTE: This watermanship, if done, must be completed during course.*
- *NOTE: 80% = passing [80 / 100 Points].*
- *NOTE: This evaluation may be accomplished in one (1) session or during a sequence of training dives.*
1. Skill One (25 points, to be completed in confined water)
    - a. Two buddies with blacked-out masks (or closed eyes) face each other at a distance of 50 feet (15 meters) apart, and follow a line or other reference towards each other, without breathing. Upon contact, they commence gas sharing (alternate second stages or pony cylinder hand off) and maintain contact with each other while swimming for a distance of 900 feet (275 meters).

Time (mm:ss)	Points	Time	Points	Time	Points	Time	Points
14 min. or less	25	15:41 to 16:00	20	17:01 to 17:15	14	18:21 to 18:40	04
14:01 to 14:20	24	16:01 to 16:15	19	17:16 to 17:30	12	18:41 to 19:00	02
14:21 to 14:40	23	16:16 to 16:30	18	17:31 to 17:45	10	Over 19 minutes	00
14:41 to 15:00	22	16:31 to 16:45	17	17:46 to 18:00	08		
15:01 to 15:40	21	16:46 to 17:00	16	18:01 to 18:20	06		

2. Skill Two (25 points)
  - a. Ascend from a depth of at least 60 fsw (18 msw) at a rate of 30 feet (9 meters) per minute, plus a 10 minute safety stop at a depth of 15 fsw (4.5 msw), with depth variation no greater than 3 fsw (1 msw) for the duration of the stop. The ascent is to be controlled via the BCD, not by pulling up a line. Score 25 points if performed correctly. Subtract one point for each one foot (0.3 meter) per minute variation in ascent rate during the overall average ascent to 15 (4.5 meters), and subtract 1 point each time the student changes depth by more than 3 fsw (1 msw) during the 10 minute safety stop.
3. Skill Three (25 points)
  - a. Deploy a DSMB or Lift Bag from a depth of 20 fsw (6 msw), and at least 30 fsw (9 msw) above the bottom. The diver must complete the deployment and maintain depth within a maximum of ten feet (3 meters) variation (i.e., the diver cannot ascend to a depth shallower than 10 fsw [3 msw], or descend to a depth greater than 30 fsw [9 msw]) during deployment of the bag. Score 25 points if the skill is completed successfully, and subtract 5 points for each depth variation greater than 10 fsw (3 msw).
4. Skill Four (25 points, confined water) Use of malfunctioning equipment:
  - a. Use a free flowing regulator for 3 minutes.
  - b. Maintain buoyancy control via oral inflation of the BCD for five (5) minutes.

► *NOTE: During this time, swim for a distance of at least 50 feet (15 meters) at one depth, then ascend by 3 fsw (1 msw) and repeat, then descend by 3 fsw (1 msw) and repeat. This should be followed by a controlled ascent and controlled descent at a rate of no more than 10 fsw (3 msw) per minute, while swimming in an area with a variation in depth. Score 25 points if all skills are completed successfully, and subtract 4 points for each violation of procedure on any of the skills, or if any skill needs to be repeated.*

## Diver First Aid

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Diver First Aid Instructor or higher level of certification may teach the Diver First Aid Program

### Who may take this course?

- Any individual. Need not be a diver.

### A. Purpose

1. This Program is designed to teach divers how to manage diving accidents and other injuries that may occur at a dive site.

### B. Prerequisites

1. Age Requirement:
  - a. Must be a minimum of 12 years of age for Junior Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - c. Must be a minimum of 18 years of age without guardian approval.
- *No other requirement for any of the program.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of diver first aid or Oxygen Administration or AEDs.

### D. Text Requirements

1. IANTD Rescue Diver Manual along with Diver First Aid Student Kit.

### E. Equipment Requirements

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

### F. Program Limits

1. No diving activities may exceed the qualifications of the student.

### G. Water Skills Development

1. There are no specific water skills required for this program.

## Diving Medical Technologies

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- A Diving Medical Technologies Instructor may teach this course.

### Who may take this course?

- Any individual. Need not be a diver.

## A. Purpose

1. This Program is designed to train competent individuals in the safer use and technology of diving medicine, recompression therapies and recompression chamber operations.

## B. Prerequisites

1. Age Requirement:
    - a. Must be a minimum of 18 years of age without guardian approval.
- *NOTE: No other requirement for this program.*

## C. Program Content

1. Students will complete all required knowledge reviews and pass the exam with a grade of at least 80%.
2. Perform at least 8 chamber dives where the student is the Recompression Chamber Operator.
3. Perform at least 8 ventilations (60 seconds duration on full flow) once at desired depth and remain within 1 foot of desired depth.
4. Satisfactorily demonstrate all emergency procedures.

## D. Equipment & Text Requirements

1. IANTD DMT Student Kit.
2. Recompression chamber or mock recompression chamber.
3. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## Diving Skills for Photogrammetry

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- A qualified and renewed IANTD Photogrammetry speciality instructor can teach this course.
- A Tek Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. To provide training in collection of underwater images to create 3D computer visualisations.
2. Training in planning and executing safe diving operations while collecting uw images.

### B. Prerequisite

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Advanced Open Water Diver or equivalent.
2. Age requirement:
  - a. Must be a minimum of 18 years of age without guardian approval.
3. Dive experience:
  - a. Proof of a minimum of 30 logged dives.

### C. Program Content

1. Use of course specific manual and lectures to accompany each practical dive.
2. All the water skills must be practiced until the student is proficient in each skill.
  - *As per the Program outline approved in writing by IAND, Inc. dba IANTD World Headquarters or Licensee Region's representative.*
3. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s).
    - *NOTE in lieu of confined water, an instructor may opt to do a skills development dive to a depth no greater than 40 fsw (12m) provided decompression stops are not required.*
  - c. Open Water Dives.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD diving skills for photogrammetry student kit.
2. All SCUBA equipment used should be appropriate for the diving planned during the course. The course may be taken using single cylinder, doubles or sidemount configuration.
  - *NOTE: Students should already hold an appropriate qualification in the use of the required rig. The Diving skills for photogrammetry speciality should not be undertaken in conjunction with training in the use of the required rig.*
3. 4. Stills or video camera suitable for recording images for photogrammetry



## E. Program Limits

1. Student to Instructor Ratio:
  - ▶ *NOTE: Student to Instructor ratios permitted are based on entering the water with visibility of 25 feet (8 meters) or more.*
  - a. There may be no more than four (4) students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*
2. The Program must include:
  - a. A 100 minutes of bottom time in confined and open water training environments.
  - b. A minimum of three (3) open water dives.
    - ▶ *NOTE: All open water dives shall be conducted in environments that will allow at all times a direct vertical access to the surface*
    - ▶ *NOTE: The instructor will be present throughout the dive. The instructor will interfere and end the dive if in any case personal safety is in danger.*
3. No training dives are made in an overhead environment, unless the student is already overhead certified
4. No dive may be conducted to depths greater than the student's qualification and a maximum of 100 fsw (30 msw) is recommended for all training dives.
  - ▶ *NOTE: This programme should not be combined with programmes that increase student depth limit or qualification level. eg a rescue diver cannot also undertake deep, cave, Adv. EANx, Adv. Recreational Trimix during this programme.*
5. No dives should be planned to include mandatory decompression stops.
6. All appropriate safety or required decompression stops must be performed.
7. All dives must be completed within both the IANTD oxygen CNS% and OTU limits.

## F. Waterskills Development

1. A confined water/orientation dive must be completed prior to any O/W training skills.
2. Complete pre dive/S-drill procedures as applicable.
3. Demonstrate the ability to effectively signal and respond to an out of gas scenario.
  - a. Signal to buddy and begin sharing gas (long hose recommended).
4. Demonstrate proficiency in propulsion and buoyancy whilst completing tasks.
5. Collect multiple images of a specified underwater object.
  - a. On return to the surface, process images to produce a recognisable 3D model using photogrammetry software.
6. Repeat dives or reimaging to correct deficiencies in 3D model caused by incomplete imaging, poor positioning control or poor image quality.
7. Complete additional dives to extend the 3D model to adjacent objects or environment.
  - ▶ *NOTE: Optional depending on achieving a suitable initial model output.*
8. Where internet connection allows, uploading of models to 3D hosting portal should be included.

## Drift Diver

- **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Drift Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Drift Divers on how to use, take care and deal with specific emergencies related to a drift diving.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Drift Diver - Students between 12 years of age and 14 years of age who meet the Drift Diver performance requirements may qualify for a Jr. Drift Diver certification that allows them to dive under the supervision of an adult who has a minimum of a Drift Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Drift Terminologies and areas
  - b. Drift Procedures
  - c. Line Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

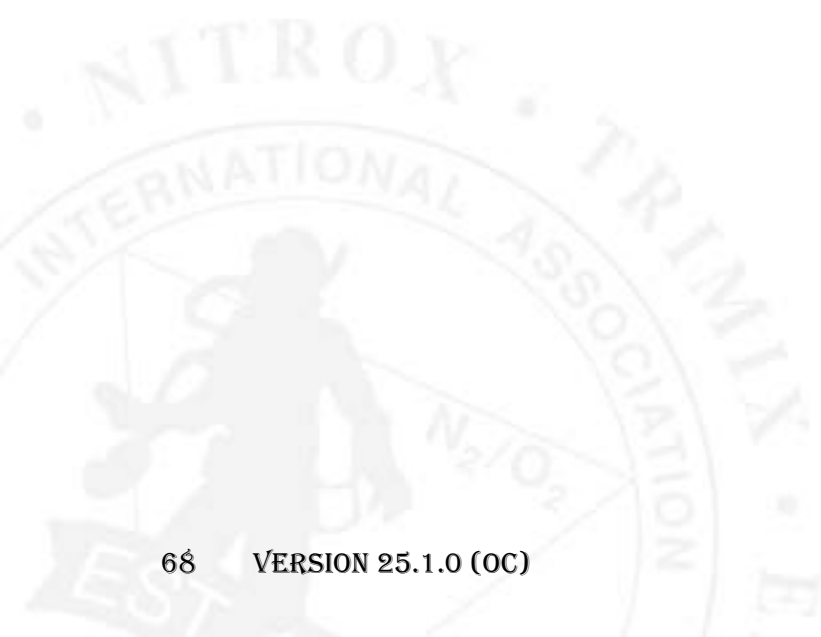
### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*

2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. Dive Procedures
3. Drift Diving Equipment
4. Navigation
5. Communication & Signals
6. Safety stop procedures
7. Planning and Procedures
8. Buddy organization
9. Common Hazards
10. Emergency procedures
11. Buoyancy control
12. Perform an ascent sharing gas and establish positive buoyancy on the surface
13. Each diver is to perform an ascent managing a Surface Marker Buoy or DSMB as the lead diver and the buddy on at least 2 dives.



## Dry Suit Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Dry Suit Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Dry Suit Divers on how to use, take care and deal with specific emergencies related to a dry suit.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Dry Suit Diver - Students between 12 years of age and 14 years of age who meet the Dry Suit Diver performance requirements may qualify for a Jr. Dry Suit Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. History
  - b. Types of Dry Suit
  - c. Dry Suit Parts
  - d. Accessories
  - e. Undergarments
  - f. Inflation Systems
  - g. Choosing a Dry Suit
  - h. Use Considerations
  - i. Emergencies.
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - **NOTE:** Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*
2. The Program must include:
  - a. A minimum of 120 minutes of Open Water bottom time.
  - b. SCUBA Dives within three (3) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within three (3) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Descent and Ascent Procedures
2. Emergencies simulations
  - a. Use the dry suit as a primary buoyancy control
  - b. Perform an ascent using the dry suit as a primary buoyancy control
  - c. Disconnect the BCD Power Inflator LP hose and connect to the Dry Suit Inflation valve
  - d. Simulate a disinflation valve failure and perform emergencies disinflations of the Dry Suit:
    - I. Emergency disinflation thru Neck Seal
    - II. Emergency disinflation thru Wrist Seal
  - e. Simulate an inflation valve failure and disconnect the LP hose
3. At the surface, recover from an upside down position with air inside the boots/socks
4. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## Full Face Mask Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Full Face Mask Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified divers with specialty training in the necessary procedures, knowledge and skills to safely dive the full face mask.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Full Face Mask Diver - Students between 12 years of age and 14 years of age who meet the Full Face Mask Diver performance requirements may qualify for a Jr. Full Face Mask Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Advantages
  - b. Types
  - c. Underwater Communications
  - d. FFM features
  - e. Donning
  - f. In water vs. out of water
  - g. Strap adjustment
  - h. Equalization v. Buoyancy
  - i. Alternate air source use
  - j. Surface Use
  - k. Dewatering Valve
  - l. Pre and Post dive procedures
  - m. Deploy and use of backup mask
  - n. Sanitizing the mask
  - o. User/Field Maintenance and Care
  - p. Authorized servicing/preventive maintenance.



4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

## D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than six (6) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to eight (8) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Defogging preparation of the Modular Mask
2. Donning
3. In water vs. out of water
4. Strap adjustment
5. Diving with and use of Backup Mask
6. Equalization
7. Buoyancy
8. Surface use
9. Removal and replacement static, swimming and midwater
10. Partially flooding and clearing of FFM & backup mask
11. Fully flooding and clearing of FFM & backup mask
12. Alternate air share ascent
13. Sanitizing the mask and post dive care.

## Full Face M-48 MOD-1 Mask Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- M-48 MOD-1 Full Face Mask Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified divers with specialty training in the necessary procedures, knowledge and skills to safely dive with a full face mask and the Kirby-Morgan M-48 Mod 1 Hollis Modular POD Mask.

### B. Prerequisites

1. Certifications requirements:
  - a. Open Circuit, POD Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum or 18 years of age without guardian approval.

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Advantages
  - b. Types
  - c. Underwater Communications
  - d. Hollis Modular Mask POD features
    - I. Donning
    - II. In water vs. out of water
    - III. Strap adjustment
    - IV. Equalization
    - V. Buoyancy
    - VI. Alternate air source use
    - VII. Surface Use
    - VIII. Dewatering Valve
    - IX. Pre and Post dive procedures
    - X. Features of the Modular Mask
    - XI. Sanitizing the mask
  - e. User/Field Maintenance and Care
  - f. Authorized servicing/preventive maintenance.
4. Confined Water Session(s)
  - a. A confined water dive of 60 minutes is required prior to the open water dives
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

## D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - ▶ *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than six (6) students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to eight (8) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. For the Hollis Modular Mask the following skills are to be completed during the open water dives
  - a. Defogging the Modular Mask
  - b. Donning
  - c. In water vs. out of water
  - d. Strap adjustment
  - e. Diving with a Modular Mask
  - f. Equalization
  - g. Buoyancy
  - h. Surface use
  - i. POD removal and replacement static, swimming and midwater
  - j. Partially flooding and clearing of mask
  - k. Fully flooding and clearing of mask
  - l. Dewatering of POD
  - m. Alternate air share ascent
  - n. Sanitizing the mask

## Full Face Ocean Reef Mask Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Full Face Ocean Reef Mask Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified divers with specialty training in the necessary procedures, knowledge and skills to safely dive the full face mask and the Ocean Reef Full Face Mask.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Full Face Mask Diver - Students between 12 years of age and 14 years of age who meet the Full Face Mask Diver performance requirements may qualify for a Jr. Full Face Mask Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Advantages
  - b. Types
  - c. Underwater Communications
  - d. FFM features
  - e. Donning
  - f. In water vs. out of water
  - g. Strap adjustment
  - h. Equalization v. Buoyancy
  - i. Alternate air source use
  - j. Surface Use
  - k. Dewatering Valve
  - l. Pre and Post dive procedures
  - m. Deploy and use of backup mask
  - n. Sanitizing the mask
  - o. User/Field Maintenance and Care
  - p. Authorized servicing/preventive maintenance.

4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

#### **D. Equipment & Text Requirements**

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - ▶ *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

#### **E. Program Limits**

1. Student to Instructor Ratio:
  - a. There may be no more than six (6) students per Instructor.
    - ▶ *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to eight (8) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

#### **F. Water Skills Development**

1. Defogging preparation of the Modular Mask
2. Donning
3. In water vs. out of water
4. Strap adjustment
5. Diving with and use of Backup Mask
6. Equalization
7. Buoyancy
8. Surface use
9. Removal and replacement static, swimming and midwater
10. Partially flooding and clearing of FFM & backup mask
11. Fully flooding and clearing of FFM & backup mask
12. Alternate air share ascent
13. Sanitizing the mask and post dive care.

## Marine Ecology Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Marine Ecology Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Marine Ecology Divers an overall awareness of the environment.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Marine Ecology Diver - Students between 10 years of age and 14 years of age who meet the marine ecology diver performance requirements may qualify for a Jr. Marine Ecology Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Climate change - Increases in ocean temperatures, Rising sea levels, Coral bleaching, Ocean acidification, Changes in patterns of ocean currents.
  - b. Local threats - Overfishing, Destructive fishing methods, Removal of organisms, Souvenir trade, Land-based pollution, Overdevelopment of coastal areas, Anchor and collision damage, Other potential negative impacts – tourism, non-diving water, sports, sunscreens.
  - c. Best environmental practices - Impact of diving activities, Irresponsible transfer of organisms, Irresponsible spear fishing and harvesting of aquatic life, Fish feeding, Anchoring, Contact with organisms (coral reefs, sponges, fish, turtles, etc.), Respect for cultural resources, Underwater heritage sites, Dive site overcapacities, Physical damage – diver/boat contact, Aquatic life behavioural changes, Silt displaced by finning, bubbles in overhead environments damaging delicate organisms.
  - d. Interacting responsibly according to local laws and regulations.
  - e. Positive actions to help the aquatic world
  - f. Types of aquatic environment, according to the local diving environments
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.



## D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than six (6) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to eight (8) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

### Before and After ALL Confined Water Dive and Open Water Dive

1. Briefing (specifying objectives of the dive, including environmental and safety aspects),
2. Demonstrate the ability to configure dive equipment neatly.
3. Assemble and disassemble diving equipment.
  - a. At water's edge, boat or appropriate place.
4. Conduct pre-dive checks, at water's edge and in-water.
5. Surface entries and exit.
6. Provide post dive care of diving equipment.
  - a. At water's edge, boat or appropriate place.

### Surface activities not involving diving

1. The training programme may provide non-diving surface activities from boats or on shore in locations such as intertidal zones, rock pools, fresh water bodies which may include:
  - a. Identifying and observing aquatic life,
  - b. Looking for signs of pollution or debris,
  - c. Collecting waste, carrying out beach clean-ups,
  - d. Documenting and reporting what has been observed.

### In-Water Training

- *NOTE: During all dives, avoid contact with aquatic life/seabed.*
1. Objectives of the open water dives can include:
    - a. Identify and make notes of the Marine Life encounter during the dive
    - b. Removing waste and sources of pollution, if present.
    - c. Capturing images of designated aquatic life, if certified as an IANTD U/W Photography Diver or equivalent.
    - d. Noting any damage caused by human activity
  2. Practice at least 2 different propulsions techniques accordingly with the environment.
  3. Review of the emergencies procedures taught in the Open Water Diver program
  4. Perform an ascent sharing gas and establish positive buoyancy on the surface
  5. Mask removal and replacement
  6. Swim without mask for a distance of 30 feet without disturbing the environment.

## Marine Ecology Specialized Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Instructor who is specifically rated in each individual Marine Ecology Specialization
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified divers with specialized training in the Marine Ecology areas such as Coral Identification, Shark Diver, Shark Awareness (Academic Only), Echinoderm Identification, Turtle Identification & Interaction, Manta Identification & Interaction, Manatee Interaction, Fish Identification, Whaleshark Interaction, Nudibranch Identification or other Marine Ecology specialization distinctive specialty approved by IANTD World HQ.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
      - *NOTE: Except for the Shark Awareness or any other awareness program.*
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Marine Ecology Specialized Diver - Students between 10 years of age and 14 years of age who meet Specialized Diver performance requirements may qualify for a Jr. Specialized Diver certification that allows them to dive under the supervision of an adult who has a minimum of the same Specialized Diver certification level or higher.*

### C. Program Content

► **NOTE: Any training material shall be approved in writing by IANTD HQ.**

1. As per the Program Outline approved in writing by IANTD World HQ.
2. The specialty must have stress management as part of the curriculum.
3. Use of the Course Specific Presentation, approved in written by IANTD HQ, must be completed prior to any in-water training.
4. All the water skills must be practiced until the student is proficient in each skill.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than eight (8) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to twelve (12) students.*
2. The Program must include:
  - a. A minimum of 60 minutes of Open Water bottom time.
  - b. A minimum of two (2) dives.
  - c. No dives may be conducted to depths greater than diver previous certification level.

### F. Water Skills Development

1. As per the Program outline approved in writing by the IANTD HQ.

## Night Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Night Diver Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Night Divers an overall awareness of the Night dive and to be able perform Night dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Night Diver - Students between 10 years of age and 14 years of age who meet the night diver performance requirements may qualify for a Jr. Night Diver certification that allows them to dive under the supervision of an adult who has a minimum of an night diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Night Dive Terminologies and areas
  - b. Night Dive Procedures
  - c. Light Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*

2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. Dive Procedures
3. Night Diving Equipment & Backups
4. Navigation
5. Communication & Signals
6. Safety stop procedures
7. Planning and Procedures
8. Buddy organization
9. Common Hazards
10. Emergency procedures
11. Buoyancy control
12. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## Non-Penetration Wreck Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Non-penetration Wreck Diver Instructor or higher level of Wreck Diver Instructor certification may teach this course.
- Open Water Side mount Instructor or higher who is also a certified diver at the specific level is required in order to certify a diver on Side mount Configuration.

### A. Purpose

1. This Program is designed to develop wreck diving skills to ensure that divers are aware of self-responsibility and capable of risk management in non-penetration wreck environments.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Note: Jr. Non-Penetration Wreck Diver - Students between 12 years of age and 14 years of age who meet the performance requirements may qualify for a Jr. Non-Penetration Wreck Diver certification that allows them to dive under the supervision of an adult who has a minimum of a Non-Penetration Wreck Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. This program must include:
  - a. Academic Session(s) must include:
    - I. The specialty shall also include warnings of overhead hazards and why to avoid them without proper training.
  - b. Confined Water Session(s)
  - c. Open Water Sessions
    - I. The specialty must have stress management as part of the curriculum.
4. Students must pass the specific IANTD test with a minimum score of 80%

### D. Equipment & Text Requirements

1. IANTD Wreck Diver Student Kit
  - a. If this program is combined with other IANTD programs:
    - I. IANTD Diver Student Manual and Student Kit or equivalent text(s) approved in writing by the Board of Directors (written approval will be issued by IANTD World Headquarters) must be also acquired.
  - *NOTE: Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview*
2. Each diver shall have a minimum of a DSMB or Lift Bag with a line reel or spool.

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
2. The must include:
  - a. A minimum of 40 minutes of OW bottom time.
    - I. No dives shall be completed in an overhead environment
    - II. No Dives shall have required decompression
  - b. A minimum of two (2) Non-penetration Wreck dives
    - ▶ *NOTE: Even if the time requirements are exceeded, a minimum of two (2) OW SCUBA dives must be made.*
    - ▶ *NOTE: If combined with the IANTD EANx Diver Program, or if the student is already qualified as an IANTD EANx Diver, the student may use a mixture of EANx in the range of 21% through 40% oxygen.*
    - ▶ *NOTE: This course can be combined with the Recreational Trimix Course and the diver may use recreational trimix gases on the open water dives to the maximum depth of the Recreational Trimix Diver course.*
3. Non-Penetration dives shall be conducted in areas with no overhead and shall permit a direct ascent to the surface.
4. Depth Limits:
  - a. No dives may be conducted to depths greater than diver's previous certification level.

## F. Water Skills Development

1. Perform an "S" drill prior to commencement of all dives.
2. Practice different propulsion techniques like:
  - a. Modified flutter
  - b. Modified frog,
  - c. Reverse kick
  - d. Standard shuffle kick.
3. Natural Navigating on a wreck
4. Buoyancy Control
5. Identification of wreck features
6. Avoiding wreck hazards
7. Practice SCUBA diving equipment configuration including redundancy and streamlining.
8. Swim a distance of 75 feet (23 meters) without a mask.
9. Swim in a simulated out of air situation:
  - a. Without breathing and exhaling slowly swim a distance of at least 40 feet (12 meters), and commence gas sharing.
  - b. While gas sharing, continue to swim for a distance of at least 2 minutes while maintaining a swim rate of approximately 60 feet (18 meters) per minute.
10. Determine SAC rate and RMV on each Open water dive
11. Free Flow management
12. While diving, switch from the primary to the secondary 2<sup>o</sup> Stage/Gas source
13. Recommended: Do a simple drawing of the wreck or part of it



## Open Water DPV Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water DIVER PROPULSION VEHICLE Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified DIVER PROPULSION VEHICLE Divers an overall awareness of the DPV dive and to be able perform DPV dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. OW DPV Diver - Students between 12 years of age and 14 years of age who meet the OW DPV Diver performance requirements may qualify for a Jr. OW DPV Diver certification that allows them to dive under the supervision of an adult who has a minimum of an OW DPV Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. DIVER PROPULSION VEHICLE Terminologies and areas
  - b. DIVER PROPULSION VEHICLE Procedures
  - c. Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - **NOTE:** Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Water Entries and Exits
2. DIVER PROPULSION VEHICLE Equipment & Backup Equipment
3. How to use a DIVER PROPULSION VEHICLE
4. Settings and buoyancy
5. DIVER PROPULSION VEHICLE Dive Procedures
6. Navigation
7. Communication & Signals
8. Safety stop procedures
9. Planning and Procedures
10. Buddy organization
11. Common Hazards
12. Emergency procedures
13. Buoyancy control
14. Post dive maintenance
15. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## Open Water Nomad Sidemount Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water Environment:
  - *An Open Water Nomad Sidemount Instructor while diving a Nomad System WITHOUT modifications on the bungee rigging system.*
- Cavern/Wreck Environment:
  - *A Nomad Open Water Sidemount Instructor while diving a Nomad System WITHOUT modifications on the bungee rigging system that is also a Cavern/Wreck Instructor.*

### A. Purpose

1. Familiarize the diver with the techniques, equipment and mindset required for Sidemount diving.
2. Enable divers to proficiently assemble and use Sidemount equipment.
3. Teach divers the proper techniques to safely conduct dives that warrant the use of Sidemount equipment.
4. Familiarize the diver with at least one of the Dive Rite Nomad Family.

### B. Prerequisites

- *Must own at least one Dive Rite Nomad System, WITHOUT modifications on the rigging system.*
1. Certifications requirements:
    - a. IANTD Open Water Diver or equivalent.
      - *NOTE: The Open Water Diver Program can be combined with the Open Water Sidemount Diver Program.*
  2. Age requirement:
    - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
    - b. A minimum of 18 years of age without guardian approval.
      - *Jr. OW Nomad Sidemount Diver - Students between 12 years of age and 14 years of age who meet the OW Nomad Sidemount Diver performance requirements may qualify for a Jr. OW Nomad Sidemount Diver certification that allows them to dive under the supervision of an adult who has a minimum of an OW Sidemount Diver certification level or higher.*

### C. Program Content

- *NOTE: This course can be taught in conjunction with an Overhead environment course.*
1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
    - IANTD recommends the use of both, Course Specific Presentation and workbook
  2. All the water skills must be practiced until the student is proficient in each skill.
  3. This program must include:
    - a. Use Dive Rite TV for up to date rigging information
    - b. Academic Session must cover all the IANTD Nomad Specialty PPT
      - Ring bungee system for neck of cylinders
      - Expanded explanations of attachment of cylinders and how to do so
      - How to use the daisy chain for proper position of the neck of cylinders
      - Include the use and explanation of chokers.
        - *NOTE: Alternatives for rigging malfunctions, can applied.*
      - Proper height adjustment of hip clip, higher on cylinder than older styles
      - Regulator rigging, expansion on use of left and right handed regulators when students have them rather than forcing them to use two right handed regulators to conform to backmount rigging.
      - Selecting the proper length low pressure and inflator hoses based on overall configuration
      - Additional skills for cylinder removal and rigging, see water skills

- ▶ Include open water attachment and removal of cylinders - mimic diving from small boats
  - ▶ Proper weighting of rig independent of cylinders for travel and changing from steel to aluminum cylinders.
  - ▶ Cylinder options:
    - ▶ Aluminum - Weight on cylinder for trim or multiple clip points for floating cylinder.
    - ▶ Steel - Tend to be heavy.
  - ▶ Gas management – balance cylinders and maintain within 500 psi or 30 bar.
  - ▶ Mixed team scenarios and need for long hose for gas sharing. Passing of the long hose based on regulators.
- c. Confined water session(s).
- d. Open Water Dives.
4. Students must pass the specific IANTD Open Water Sidemount test with a minimum score of 80%.

## D. Equipment Requirements

1. Must own a Dive Rite Nomad System, WITHOUT modifications on the bungee rigging system.
2. IANTD Open Water Sidemount Diver Student Kit.
3. Minimum 80 cubic feet (12 liters)
  - a. I.E.: 1 Single 80, 2 AL 40, 2 Steel 5 - 7 liters, 2 AL 80.
    - ▶ *NOTE: If the divers are using more than 160 cu ft. of gas for this program they should be Advanced EANx or taking Advanced EANx as part of the program.*
4. Regulators must provide ample gas flow at all depths.
  - ▶ *NOTE: Each gas source must have its' own dedicated submersible pressure gauge.*
  - ▶ *NOTE: If just one regulator is used, an alternative gas source must be added to the system.*
5. Dive tables, depth gauge, dive timer or a dive computer and cutting device.
6. A DSMB or Lift Bag and reel or spool with a minimum of 50 feet.

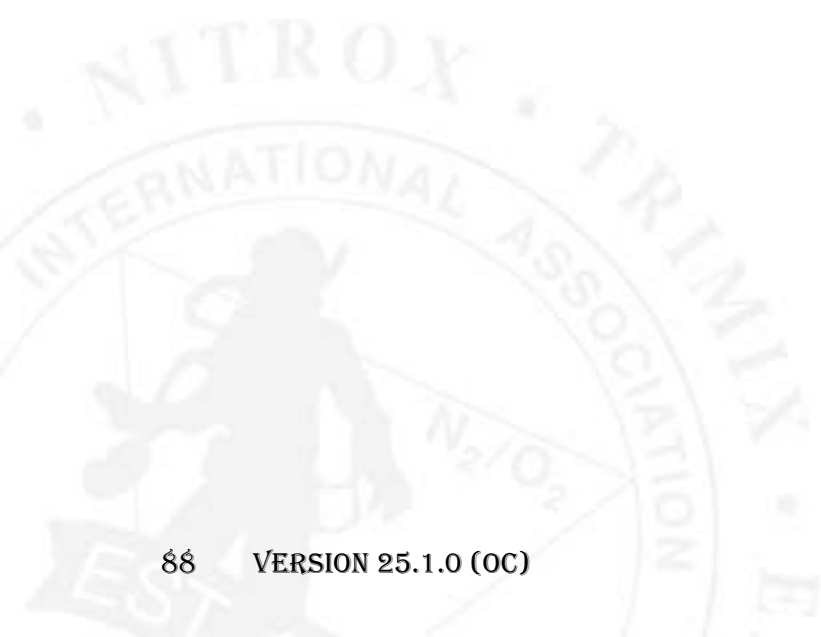
## E. Program Limits

- ▶ *NOTE: The course can be taught in conjunction with an Overhead environment course*
1. Student to Instructor Ratio:
    - a. There may be no more than 4 students per Instructor.
  2. The Program must include:
    - a. A minimum of 120 minutes of Open Water bottom time.
    - b. A minimum of three (3) open water Sidemount dives.
      - ▶ Two (2) Open Water dive (SCUBA diving equipment tuning, skills, fining technique, buoyancy & trim).
      - ▶ One (1) Open Water dives (skills, proficiency).
      - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within three (3) open water Sidemount dives.*
  3. No dives may be conducted to depths greater than diver previous certification level.
  4. Oxygen partial pressure may not exceed 1.6 ATA
  5. Recreational Divers below level of Advanced EANx may not perform decompression stop required dives.
  6. Students who use dive computers must also carry a backup system such as a second dive computer or IANTD Dive Tables with bottom timer as a backup.
  7. Divers without a dive computer must use appropriate IANTD Dive Tables.
  8. No dives in this course may be made into a restricted area that would require Advanced or Technical Sidemount Configuration
  9. All dives must be completed within both the IANTD Oxygen CNS% and OTU limits.
  10. All appropriate safety stops must be performed.

## F. Water Skills Development

## INTERNATIONAL ASSOCIATION OF NITROX & TECHNICAL DIVERS

1. "S" drill procedures.
2. Bubble Checks, self-sufficient mode
3. Valve Checks, self-sufficient mode
4. Regulator switching
5. Water entry with cylinders, unless health/safety issues are present.
  - a. Giant stride off a boat
  - b. Shore entry
  - c. Water entry without cylinders & attach the cylinders while on the surface in water.
  - d. In water exit with cylinders, unless health/safety issues are present.
  - e. In water exit without cylinders
6. Swim with equipment to be used in program until comfortable with it.
7. Perform valve shutdowns combined with regulator switches to opposite cylinder in horizontal and vertical position.
8. Perform neutral buoyancy drills in horizontal and vertical positions while in Sidemount configuration.
9. Perform cylinder rear clip removal in horizontal and vertical positions
10. Confined water: Swim 50 feet (15 meters) underwater with one (1) cylinder rear clip removed (handheld, replace cylinder, repeat with opposite cylinder.)
11. Open water: Swim 50 feet (15 meters) with one (1) cylinder rear clip removed (handheld and replace cylinder, repeat with opposite cylinder.
12. Out of gas scenarios:
  - a. Share gas scenario:
    - I. Stationary
    - II. Dynamic (Swimming & Ascending)
13. Shoot a DSMB or Lift Bag at least once from 20' or deeper and ascent to 15' safety stop in a controlled ascent.



## Open Water SEACRAFT DPV Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water SEACRAFT DPV Specialty Instructor teach this course on SEACRAFT DPV
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified DIVER PROPULSION VEHICLE Divers an overall awareness of the DPV dive and to be able perform DPV dives.
2. Familiarize the diver with at least one of the SEACRAFT DPV family

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. OW DPV Diver - Students between 12 years of age and 14 years of age who meet the OW DPV Diver performance requirements may qualify for a Jr. OW DPV Diver certification that allows them to dive under the supervision of an adult who has a minimum of an OW DPV Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. SEACRAFT DPV Terminologies and areas
  - b. SEACRAFT DPV Procedures
  - c. Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. SEACRAFT DPV & SEACRAFT User Manual
2. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - **NOTE:** Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.



## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Water Entries and Exits
2. SEACRAFT DPV Equipment & Backup Equipment
3. How to use a SEACRAFT DPV
4. Settings and buoyancy
5. SEACRAFT DPV Dive Procedures
6. Reverse gear and “+” gear
7. Navigation
8. Communication & Signals
9. Safety stop procedures
10. Planning and Procedures
11. Buddy organization
12. Common Hazards
13. Emergency procedures
14. Buoyancy control
15. Post dive maintenance
  - *NOTE: At the end of the dive day, perform the maintenance for the propeller by pulling off, lubricating and letting it dry normally.*
16. Perform an ascent sharing gas and establish positive buoyancy on the surface

## Open Water Sidemount Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

► Open Water Sidemount Instructor or Tek OW Sidemount Instructor or Advanced Cave Sidemount Diver Instructor may teach this course.

### A. Purpose

1. Familiarize the diver with the techniques, equipment and mindset required for Sidemount diving.
2. Enable divers to proficiently assemble and use Sidemount equipment.
3. Teach divers the proper techniques to safely conduct dives that warrant the use of Sidemount equipment.

### B. Prerequisites

1. Certifications requirements:
  - a. IANTD Open Water Diver or equivalent.
    - NOTE: The Open Water Diver Program can be combined with the Open Water Sidemount Diver Program
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. OW Sidemount Diver - Students between 12 years of age and 14 years of age who meet the OW Sidemount Diver performance requirements may qualify for a Jr. OW Sidemount Diver certification that allows them to dive under the supervision of an adult who has a minimum of an OW Sidemount Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s).
  - c. Open Water Dives.
4. Students must pass the specific IANTD Open Water Sidemount test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Open Water Sidemount Diver Student Kit.
2. Minimum 80 cubic feet (12 liters)
  - a. I.E.: 1 Single 80, 2 AL 40, 2 Steel 5 - 7 liters, 2 AL 80.
    - NOTE: If the divers are using more than 160 cu ft. of gas for this program they should be Advanced EANx or taking Advanced EANx as part of the program.
3. Regulators must provide ample gas flow at all depths.
  - NOTE: Each gas source must have its' own dedicated submersible pressure gauge.
  - NOTE: If just one regulator is used, an alternative gas source must be added to the system.
4. Dive tables, depth gauge, dive timer or a dive computer and cutting device.
5. A DSMB or Lift Bag and reel or spool with a minimum of 50 feet.

## E. Program Limits

► *NOTE: The course can be taught in conjunction with an Overhead environment course*

1. Student to Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.
2. The Program must include:
  - a. A minimum of 120 minutes of Open Water bottom time.
  - b. A minimum of three (3) open water Sidemount dives.
    - Two (2) Open Water dive (gear tuning, skills, fining technique, buoyancy & trim).
    - One (1) Open Water dives (skills, proficiency).

► *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within three (3) open water Sidemount dives.*
3. No dives may be conducted to depths greater than diver previous certification level.
4. Oxygen partial pressure may not exceed 1.6 ATA
5. Recreational Divers below level of Advanced EANx may not perform decompression stop required dives.
6. Students who use dive computers must also carry a backup system such as a second dive computer or IANTD Dive Tables with Bottom Timer as a backup.
7. Divers without a dive computer must use appropriate IANTD Dive Tables.
8. No dives in this course may be made into a restricted area that would require Advanced or Technical Sidemount Configuration
9. All dives must be completed within both the IANTD Oxygen CNS% and OTU limits.
10. All appropriate safety stops must be performed.

## F. Water Skills Development

1. "S" drill procedures.
2. Bubble Checks, self-sufficient mode
3. Valve Checks, self-sufficient mode
4. Regulator switching
5. Water entry with cylinders, unless health/safety issues are present.
  - a. Giant stride off a boat
  - b. Shore entry
  - c. Water entry without cylinders & attach the cylinders while on water surface
  - d. Water exit with cylinders, unless health/safety issues are present.
  - e. Water exit without cylinders.
6. Swim with equipment to be used in program until comfortable with it.
7. Perform valve shutdowns combined with regulator switches to opposite cylinder in horizontal and vertical position.
8. Perform neutral buoyancy drills in horizontal and vertical positions while in Sidemount configuration.
9. Perform cylinder rear clip removal in horizontal and vertical positions
10. Confined water: Swim 50 feet (15 meters) underwater with one (1) cylinder rear clip removed (handheld, replace cylinder, repeat with opposite cylinder.)
11. Open water: Swim 50 feet (15 meters) with one (1) cylinder rear clip removed (handheld and replace cylinder, repeat with opposite cylinder.
12. Out of gas scenarios:
  - a. Share gas scenario:
    - I. Stationary
    - II. Dynamic (Swimming & Ascending)
13. Shoot a DSMB or Lift Bag at least once from 20' or deeper and ascent to 15' safety stop in a controlled ascent.

## Open Water Toddy-Style Sidemount Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Open Water Environment:
  - An Open Water TS Sidemount Instructor while diving a TS Sidemount *WITHOUT* modifications.
- Cavern/Wreck Environment:
  - An Open Water TS Sidemount Instructor while diving a TS Sidemount *WITHOUT* modifications that is also a Cavern/Wreck Instructor.

### A. Purpose

1. Familiarize the diver with the techniques, equipment and mindset required for Sidemount diving.
2. Enable divers to proficiently assemble and use Sidemount equipment.
3. Teach divers the proper techniques to safely conduct dives that warrant the use of Sidemount equipment.
4. Familiarize the diver with at least one of the TS Sidemount.

### B. Prerequisites

- *Must own a TS Sidemount, WITHOUT modifications.*
- 1. Certifications requirements:
  - a. IANTD Open Water Diver or equivalent.
    - *NOTE: The Open Water Diver Program can be combined with the Open Water Sidemount Diver Program.*
- 2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. OW Toddy-Style Sidemount Diver - Students between 12 years of age and 14 years of age who meet the OW Toddy-Style Sidemount Diver performance requirements may qualify for a Jr. OW Toddy-Style Sidemount Diver certification that allows them to dive under the supervision of an adult who has a minimum of an OW Sidemount Diver certification level or higher.*

### C. Program Content

- *NOTE: This course can be taught in conjunction with an Overhead environment course.*
- 1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Toddy-Style Sidemount Specific Presentation and workbook
- 2. All the water skills must be practiced until the student is proficient in each skill.
- 3. This program must include:
  - a. Academic Session must cover all the IANTD TS Sidemount Specialty PPT/Keynote
    - Bungee system for neck of cylinders
    - Expanded explanations of attachment of cylinders and how to do so
    - How to use the Weight System
      - *NOTE: Alternatives for rigging malfunctions, can applied.*
    - Proper height adjustment of hip clip, higher on cylinder than older styles
    - Regulator rigging
    - Selecting the proper length low pressure and inflator hoses based on overall configuration
    - Additional skills for cylinder removal and rigging, see water skills
    - Include open water attachment and removal of cylinders - mimic diving from small boats
    - Proper weighting of rig independent of cylinders for travel and changing from steel to aluminum cylinders.

- ▶ Cylinder options:
  - ▶ Aluminum - Weight on cylinder for trim or multiple clip points for floating cylinder.
  - ▶ Steel - Tend to be heavy.
- ▶ Gas management – balance cylinders and maintain within 500 psi or 30 bar.
- ▶ Gas sharing procedures for mixed team scenarios.
- b. Confined water session(s).
- c. Open Water Dives.
- 4. Students must pass the specific IANTD Open Water Toddy-Style Sidemount test with a minimum score of 80%.

## D. Equipment Requirements

1. TS Sidemount, WITHOUT modifications.
2. IANTD Open Water Sidemount Diver Student Kit.
3. Minimum 80 cubic feet (12 liters)
  - a. I.E.: 1 Single 80, 2 AL 40, 2 Steel 5 - 7 liters, 2 AL 80.
    - ▶ *NOTE: If the divers are using more than 160 cu ft. of gas for this program they should be Advanced EANx or taking Advanced EANx as part of the program.*
4. Regulators must provide ample gas flow at all depths.
  - ▶ *NOTE: The use two right handed regulators are mandatory.*
  - ▶ *NOTE: Each gas source must have its' own dedicated submersible pressure gauge.*
  - ▶ *NOTE: If just one regulator is used, an alternative gas source must be added to the system.*
5. Dive tables, depth gauge, dive timer or a dive computer and cutting device.
6. A DSMB or Lift Bag and reel or spool with a minimum of 50 feet.

## E. Program Limits

- ▶ *NOTE: The course can be taught in conjunction with an Overhead environment course*
- 1. Student to Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.
- 2. The Program must include:
  - a. A minimum of 120 minutes of Open Water bottom time.
  - b. A minimum of three (3) open water Sidemount dives.
    - ▶ Two (2) Open Water dive (SCUBA diving equipment tuning, skills, fining technique, buoyancy & trim).
    - ▶ One (1) Open Water dives (skills, proficiency).
  - ▶ *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within three (3) open water Sidemount dives.*
- 3. No dives may be conducted to depths greater than diver previous certification level.
- 4. Oxygen partial pressure may not exceed 1.6 ATA
- 5. Recreational Divers below level of Advanced EANx may not perform decompression stop required dives.
- 6. Students who use dive computers must also carry a backup system such as a second dive computer or IANTD Dive Tables with bottom timer as a backup.
- 7. Divers without a dive computer must use appropriate IANTD Dive Tables.
- 8. No dives in this course may be made into a restricted area that would require Advanced or Technical Sidemount Configuration
- 9. All dives must be completed within both the IANTD Oxygen CNS% and OTU limits.
- 10. All appropriate safety stops must be performed.

## F. Water Skills Development

1. "S" drill procedures.
2. Bubble Checks, self-sufficient mode
3. Valve Checks, self-sufficient mode
4. Regulator switching
5. Water entry with cylinders, unless health/safety issues are present.
  - a. Giant stride off a boat
  - b. Shore entry
  - c. Water entry without cylinders & attach the cylinders while on the surface in water.
  - d. In water exit with cylinders, unless health/safety issues are present.
  - e. In water exit without cylinders
6. Swim with equipment to be used in program until comfortable with it.
7. Perform valve shutdowns combined with regulator switches to opposite cylinder in horizontal and vertical position.
8. Perform neutral buoyancy drills in horizontal and vertical positions while in Sidemount configuration.
9. Perform cylinder rear clip removal in horizontal and vertical positions
10. Confined water: Swim 50 feet (15 meters) underwater with one (1) cylinder rear clip removed (handheld, replace cylinder, repeat with opposite cylinder.)
11. Open water: Swim 50 feet (15 meters) with one (1) cylinder rear clip removed (handheld and replace cylinder, repeat with opposite cylinder.
12. Out of gas scenarios:
  - a. Share gas scenario:
    - I. Stationary
    - II. Dynamic (Swimming & Ascending)
13. Shoot a DSMB or Lift Bag at least once from 20' or deeper and ascent to 15' safety stop in a controlled ascent.



## Oxygen Administrator

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Oxygen Administrator Instructor or higher level of certification may teach the Oxygen Administrator Program.

### Who may take this course?

- Any individual. Need not be a diver.

## A. Purpose

1. This Program is designed to teach people how to utilize and administer oxygen for dive accident management.

## B. Prerequisites

1. Age Requirement:
    - a. Must be a minimum of 12 years of age for Junior Diver qualification with a parent or guardian authorization, OR;
    - b. Must be a minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
    - c. Must be a minimum or 18 years of age without guardian approval.
- *No other requirement for any of the program.*

## C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
  - All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of diver first aid or Oxygen Administration or AEDs.

## D. Text Requirements

1. IANTD Rescue Diver Manual and Video along with Diver First Aid Student Kit.

## E. Equipment Requirements

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## F. Program Limits

1. No diving activities may exceed the qualifications of the student.

## G. Water Skills Development

1. There are no specific water skills required for this program

## Recreational Essentials Diver

- ▶ **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**
- ▶ **IN ORDER TO PROPERLY DEMONSTRATE THE ESSENTIAL SKILLS, THE INSTRUCTOR SHALL USE THE SAME EQUIPMENT SYSTEM AS THE STUDENT - OPEN CIRCUIT OR SIDEMOUNT.**

### Who may teach this course?

- ▶ Recreational Essentials Diver Instructor
  - ▶ *NOTE: Open Water Instructor or higher who is also a Recreational Essentials Diver can also teach this class.*
- ▶ Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration
  - ▶ *NOTE: Open Water Sidemount Instructor or higher who is also an Recreational Essentials Diver Instructor is required in order to certify a diver on Sidemount Configuration.*

### A. Purpose

1. This mid-level Specialty Continuing Education Diver Program is designed to enable the certified diver to extend proficiency in the water and to review and put in practice the Essentials learned in any IANTD diver classes.
  2. This systematic learning and professional training is designed to enhance the student's personal and team underwater skills;
  3. Development of buoyancy, trim, balance and propulsion
  4. Refine and expand fundamental diving skills
  5. Equipment Streamlining and configuration
  6. Diving safety, situational awareness and accident prevention
  7. Enhanced Dive planning and gas management
  8. Decompression overview and minimum decompression procedures
  9. This program is designed for divers who wish to increase their skill competency by further developing their diving skills to be safer, more comfortable and more efficient in the water while expanding the divers basic diving skills to take more advanced recreational and/or technical diving programs.
- ▶ *NOTE: This course does not provide a deeper diving qualification to the diver*

### B. Prerequisites

1. Certification requirements:
  - a. Must be qualified at a minimum of:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - ▶ *Jr. Essentials Diver - Students between 12 years of age and 14 years of age who meet the Essentials Diver performance requirements may qualify for a Jr. Essentials Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - ▶ IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.

3. This program must include:
  - a. Academic Classes.
  - b. Land Drills:
    - I. Line deployment.
    - II. Practice of SCUBA diving equipment configuration, including redundancy, and streamlining.
  - c. Confined water session(s).
  - d. Open Water Dives (Optional)
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.
  - NOTE: Cylinders must be labeled with IANTD stickers or other stickers such as may be required by local laws and regulations. At a minimum, the labels must clearly identify the MOD and oxygen content of the mixture. It is recommended that IANTD labels be used to meet this requirement, in addition to those required by law.

## D. Equipment & Text Requirements

1. IANTD Essentials Diver Student Kit
2. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
3. Equipment System: In order to properly demonstrate the Essentials skills, the instructor shall use the same equipment system as the student - Open Circuit - Sidemount.
  - a. In addition, it is recommended:
    - I. To use the the SCUBA unit you commonly use;
    - II. A diver who is Open Water Sidemount qualified may use sidemounted cylinders.
    - III. A long hose 5 feet (1½ meter) is recommended and with a short hose with a neckless as backup, wings and plate, soft harness, or other.
    - IV. DSMB or Lift Bag
    - V. Reel or Spool with at least 100 ft (30 m) guideline.

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of six (6) students with one (1) IANTD Divemasters per class session.
2. The Program must include:
  - a. Essentials Diver:
    - I. A minimum of 120 minutes of dive time developing water skills.
    - II. The program must include one (1) confined water session.
      - NOTE: This program may be taught completely in confined water.
      - NOTE: It is recommended that following the confined water session, up to four (4) openwater dives be completed as part of the course.
3. No dives may be conducted to depths greater than diver deepest certification level.
4. Appropriate safety decompression stops must be performed.

## F. Water Skills Development

1. Be aware of your buddy's position in the water and in relation to the team to ensure effective communication during the entire dive;
2. Reflect safety awareness in diving preparation, underwater activity, after diving activity.
3. Teamwork.

**Surface Skills:**

► *NOTE: Surface skills must be practice on all Essentials Levels.*

4. Practice any time during the day, the following exercises described on the Essentials Manual:
  - a. O1 - Visualization of the Internal Organs;
  - b. C1 - Count Up to 21;
  - c. B1 - 31 Breathing Cycles.

► *NOTE: Before the end of the class the above practices must be mastered.*
5. Visualization of the activity.
6. Warm-up/Stretching.
7. SCUBA diving equipment configuration adjustments (streamlined for safety).
8. Proper diving plan, gas management, gas analyzing and correct cylinder labeling.
9. Check list.
10. At the surface:
  - a. Valves opening and closing;
  - b. Out of air long hose deployment.
  - c. Fin Kick
11. Concentration, relaxation, elimination of CO<sub>2</sub>, depending on the water temperature, immerse the face at the surface or use cold water in the mask to practice/simulate Bradycardia breathing

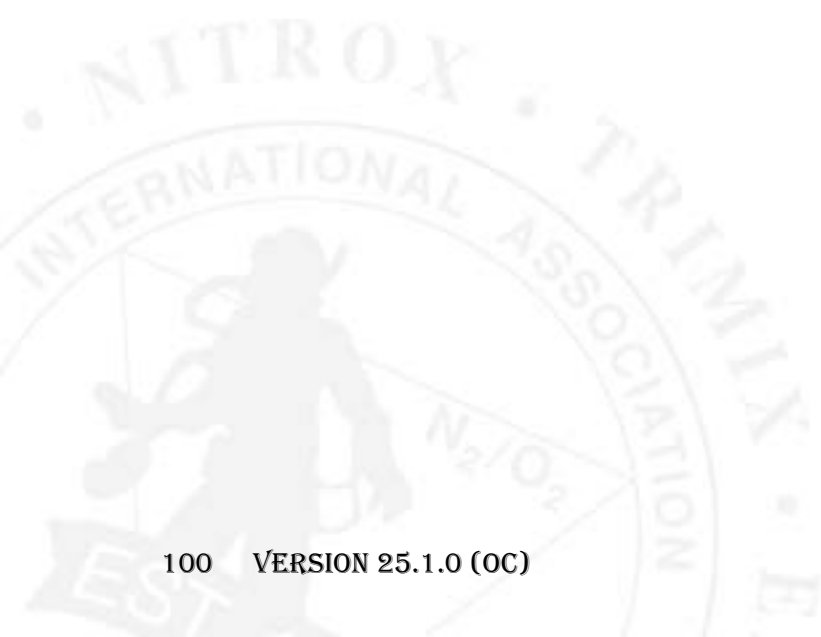
**In-Water Skills.**

► *NOTE: During the whole dive, show good communication with buddy ( hand signal, body touch, light signal)*

► *NOTE: During ALL skills practice, the diver shall maintain neutral buoyancy, proper trim and body posture.*

12. Balance Equipment Check - Minimum & Maximum bouyance check:
  - a. At a depth no deeper than 20 fsw (6msw) and with primary gas source full, deflate the BCD, simulating a buoyance failure, perform a controled ascent and stablish positive bouyance at the surfice.
  - b. At a depth no deeper than 20 fsw (6msw) and with primary gas source no greather than 750psi (50 bar), perform an ascent and demonstrate ability to perform a safety stop at 10 fsw (3msw) for 3 min and stablish positive bouyance at the surfice.
13. Do the safety check at a constant depth with a change less than 3 ft (1 m) up or down:
  - a. Valve check
  - b. Bubble check;
  - c. S-Drill.
14. Trim, buoyancy control and breathing techniques.
  - a. Configure proper weight;
  - b. Demonstrate proper trim and body posture through out the dive while under water;
  - c. Breathing techniques for the efficient removal of CO<sub>2</sub> and gas management;
  - d. Keep proper distance and position in the team to ensure effective communication.
15. Propulsion techniques:
  - a. Frog Kick, Modified frog kick, Flutter kick, Modified flutter kick
  - b. Backward kick for at least 15 feet (4.5 m), Helicopter kick
  - c. Shuffle kick.
16. Swim 20 minutes in full SCUBA diving equipment: two (2) different swimming techniques and calculation of air consumption.
17. While swimming: maintain neutral buoyancy and demonstrate opening and closing valves.
18. Swim without mask for 5 minutes.

19. Out of air exercise
  - a. With regulator in mouth
  - b. Student determines their limit
  - c. Reaches for buddy's regulator
  - d. Swims along a reference point such as a line or a pool wall.
20. Complete a line circuit, by following a continuous line in the dark (or with a blacked out mask)
21. Complete an out of air line circuit without a mask and in the dark (or blacked out mask), by following a continuous line (student determines his limit).
22. Reel practice.
  - a. Deploy a DSMB or Lift Bag at a constant depth with a depth change of less than 3 ft (1 m) up or down.
  - b. Practice any other reel practice assigned by the IANTD Instructor.
    - *For Cavern and Wreck Divers - Practice running the reel and line awareness.*



## Scientific Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- A qualified and renewed IANTD Scientific Diver instructor can teach this course.
- A Tek Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. To provide training in techniques for collection of data underwater to support scientific investigations and survey objectives.
2. To meet the requirements of industry-standard 'Phase 2' techniques, including Habitat recognition, structured recording of habitats, identification skills, specimen collection/preservation, quadrat recording, core sampling and imaging and postprocessing.
3. Training in safe diving operations while using scientific survey tools and techniques, including team procedures and communications.
4. Awareness of local legal regulations and community requirements.
5. To meet the requirements of European Scientific diver and CMAS scientific diver qualifications.

### B. Prerequisite

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Rescue Diver or equivalent.
      - *NOTE: Diver shall be certified as Surface Supplied Diver if any dive will be done using surface supplied source.*
2. Age requirement:
  - a. Must be a minimum of 18 years of age without guardian approval.
3. Dive experience:
  - a. Proof of a minimum of 60 logged dives.

### C. Program Content

1. Use of course specific manual and lectures to accompany each practical dive.
2. All the water skills must be practiced until the student is proficient in each skill.
  - *As per the Program outline approved in writing by IAND, Inc. dba IANTD World Headquarters or Licensee Region's representative.*
3. This program must include:
  - a. Academic Classes.
  - b. Confined water session(s).
    - *NOTE in lieu of confined water, an instructor may opt to do a skills development dive to a depth no greater than 40 fsw (12 msw) provided decompression stops are not required.*
  - c. Open Water Dives.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.



## D. Equipment & Text Requirements

1. IANTD Scientific Diver student kit.
2. All SCUBA equipment used should include an alternative gas source appropriate to depth and task. The rig should be balanced, streamlined and redundant.
  - ▶ *NOTE: The course may be taken using single cylinder, doubles or sidemount configuration.*
  - ▶ *NOTE: It is recommended that 13 CuFt (2.7 litre) pony cylinders are not used below 70 fsw (21 msw).*
  - ▶ *NOTE: Students should already hold an appropriate qualification in the use of the required rig. The Scientific Diving speciality should not be undertaken in conjunction with training in the use of the required rig.*
  - ▶ *NOTE: Local regulations may mandate the use of independent gas supplies for all divers. These local regulations should always be complied with.*
3. Additional equipment specific to the recording nature of the dives including but not limited to quadrats, tapes, sampling tools, cameras, slates etc.

## E. Program Limits

1. Student to Instructor Ratio:
  - ▶ *NOTE: Student to Instructor ratios permitted are based on entering the water with visibility of 25 feet (8 meters) or more.*
    - a. There may be no more than three (3) students per Instructor.
      - ▶ *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to five (5) students.*
2. The Program must include:
  - a. A 240 minutes of bottom time in confined and open water training environments.
  - b. A minimum of six (6) open water dives.
    - ▶ *NOTE: All open water dives shall be conducted in environments that will allow at all times a direct vertical access to the surface*
    - ▶ *NOTE: The instructor will be present throughout the dive. The instructor will interfere and end the dive if in any case personal safety is in danger.*
3. No training dives are made in an overhead environment, unless the student is already overhead certified
4. No dive may be conducted to depths greater than the student's qualification and a maximum of 100 fsw (30 msw) is recommended for all training dives.
  - ▶ *NOTE: This programme should not be combined with programmes that increase student depth limit or qualification level. eg a rescue diver cannot also undertake deep, cave, or Teklite training during this programme.*
5. Independent or reserve gas supplies should be carried where local regulation requires for this divers.
6. No dives should be planned to include mandatory decompression stops
7. All appropriate safety or required decompression stops must be performed.
8. All dives must be completed within both the IANTD oxygen CNS% and OTU limits.

## F. Waterskills Development

1. A confined water/orientation dive must be completed prior to any O/W training skills.
2. Complete pre dive/S-drill procedures as applicable.
3. Demonstrate the ability to effectively signal and respond to an out of gas scenario.
  - a. Signal to buddy and begin sharing gas (long hose recommended).
4. Demonstrate proficiency in propulsion and buoyancy whilst completing tasks.
5. Demonstrate ability to deploy and ascend with a delayed surface marker buoy.
6. Complete at least one dive as a 'tethered diver' – wear a surface marker buoy that allows surface – diver – surface signalling (optional).
7. Recognise and record important components of underwater habitats.
8. Recognise the major taxonomic groups, and characteristics needed to identify them.

9. Collect and identify specimens of aquatic plants and animals.
10. Collect core samples from a sedimentary habitat.
11. Lay out and record along a 82-164 feet (25-50 meter) tape measure/line.
12. Deploy and record data from quadrats.
13. Capture stills recording of survey targets.
  - a. Produce at least one high quality 'wide angle' image that allows habitat type ID
  - b. Produce at least one high quality 'close up' image that allows organism ID
14. U/W video use:
  - a. Record at least one high quality video transect.
15. Demonstrate proficiency in sketching survey site on dive slate with dimensions.
16. Complete a team survey task during final dive (s), using a scientific data requirement (specified by instructor) to plan and safely execute a survey using at least two survey techniques while maintaining team cohesion and appropriate gas management.

## Specialty Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Instructor who is specifically rated in each individual specialty.
- OW Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified divers with specialty training in areas such as Underwater Modeling, Salvage Diver, Beach Diver, Hyperbaric Chamber Operations, Surface Supplied Diver, METS/HUET or other specialty distinctive specialty approved by IANTD World HQ.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
      - *NOTE: Except for the Hyperbaric Chamber Operations.*
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Specialty Diver - Students between 12 years of age and 14 years of age who meet Specialty Diver performance requirements may qualify for a Jr. Specialty Diver certification that allows them to dive under the supervision of an adult who has a minimum of the same Specialty Diver certification level or higher.*

### C. Program Content

1. As per the Program Outline approved in writing by IANTD World HQ.
2. The specialty must have stress management as part of the curriculum.
3. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
4. All the water skills must be practiced until the student is proficient in each skill.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 8 students per Instructor.
    - *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of 12 students with two (2) IANTD Divemasters per class session.*
2. The Program must include:
  - a. A minimum of 100 minutes of Open Water bottom time.
  - b. A minimum of four (4) dives.
3. No dives may be conducted to depths greater than diver previous certification level.

### F. Water Skills Development

1. As per the Program outline approved in writing by the BOD or designated Licensee Region's representative

## U/W Action Camera Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- U/W Videography or Action Camera Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified U/W Action Camera Divers to effectively capture amazing video footage underwater with Action Camera Systems. Divers get an overall awareness of the U/W Action camera dive and to be able perform U/W Action Camera dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. U/W Action Camera Diver - Students between 12 years of age and 14 years of age who meet the U/W Action Camera Diver performance requirements may qualify for a Jr. U/W Action Camera Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. U/W Action Cam Terminologies and areas
  - b. U/W Action Cam Procedures
  - c. Signals
4. Confined Water Session(s)
  - a. This entire course can be taught in confined water
5. Open Water Sessions
  - a. Two (2) Optional Open Water Dives
  - b. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*
2. The Program must include:
  - a. A minimum of 90 minutes of Confined Water or Open Water bottom time.
  - b. Optional two (2) SCUBA Dives.
3. No dives may be conducted to depths greater than diver previous certification level.

## F. Water Skills Development

1. Water Entries and Exits
2. U/W Action Cam Equipment & Backup
3. U/W Action Cam Skills & Techniques
4. Dive Procedures
5. Navigation
6. Communication & Signals
7. Safety stop procedures
8. Planning and Procedures
9. Buddy organization
10. Common Hazards
11. Emergency procedures
12. Buoyancy control
13. Post dive maintenance
14. Post Dive Action management
15. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## U/W Photography Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- U/W Photography Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified U/W Photography Divers an overall awareness of the U/W Photography dive and to be able perform U/W Photography dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. U/W Photography Diver - Students between 12 years of age and 14 years of age who meet the U/W Photograph Specialty Diver performance requirements may qualify for a Jr. U/W Photography Specialty Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. U/W Photography Terminologies and areas
  - b. U/W Photography Procedures
  - c. Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*



2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. U/W Photography Equipment & Backup Equipment
3. U/W Photography Skills & Techniques
4. Dive Procedures
5. Navigation
6. Communication & Signals
7. Safety stop procedures
8. Planning and Procedures
9. Buddy organization
10. Common Hazards
11. Emergency procedures
12. Buoyancy control
13. Post dive maintenance
14. Post Dive Photograph management and basic editing
15. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## U/W Theatrical Performer (OC, Long Hose Breathing)

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Underwater Theatrical Performer Instructor may teach this course.

### A. Purpose

1. This program is designed to provide performers and talent with comprehensive training in using Scuba diving techniques as part of entertainment related activities.
2. This program emphasizes the skills and knowledge needed to develop a strong understanding of the physics and physiology, reliable skills, safe diving practices, comfort, efficiency and specific skill vocabulary to work with show divers.
3. This program also emphasizes skill mastery, physical and mental preparation needed to prepare talents or performers to rapidly, efficiently and safely adapt from potential strenuous performing activity to the underwater environment and techniques
4. This training is designed to provide students with the necessary skills and knowledge to continue education with specific advanced training related to their activity or the integration of an existing performance.

### B. Prerequisites

1. Age requirement:
  - a. Must be a minimum of 16 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. Must be a minimum or 18 years of age without guardian approval.
2. Must pass Scuba diving physical and provide IANTD physical form signed by a licensed physician prior attending the course.
  - *A tympanogram test performed by a licensed physician to guarantee proper Eustachian tube function is strongly recommended.*

### C. Program Content

1. This program is composed of two (2) modules:
  - a. Module 1 teaches the basics of Scuba diving, theory and skills and is to be performed for the water development portion in SCUBA diving equipment.
  - b. Module 2 emphasizes the theatrical technical environment, specific equipment, support systems and skills specific to the underwater performer or talent. Module 2 water skills are to be performed without SCUBA diving equipment, with or without environmental protection but in a way that mimics one's natural buoyancy.
2. The theory portion of the course is to be performed in a classroom type environment using Power Point presentation and demonstration video support pertaining to the theory in the IANTD Underwater Theatrical Performer Student Kit.
3. The course should be completed over a 5 day period in four (4) hour segments and total a minimum of 20 hours of education for classroom, water skill development, written tests and water skill evaluation combined.
4. Students must complete water skill evaluation for both Module 1 & 2 and the written exam with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Underwater Theatrical Performer Student Kit.
2. For Module 1: Fulfill all equipment requirements as specified in the general sport diver programs overview.
3. For Module 2: Handrails or pull ropes and air stations are required.

### **E. Program Limits**

1. Upon completion performers or talents will be qualified to perform underwater activities to a limit of 30 fsw (9 msw) with the presence and supervision of qualified support or safety divers.
2. This program qualifies divers to perform underwater activities only under the supervision of support or show divers.

### **F. Water Skills Development**

1. In water training must be conducted in a minimum of 10 fsw (3 msw) and a maximum of 25 fsw (7 msw) in a calm and comfortable environment.
  - ▶ *This environment should have minimum temperature of 80° F.*
2. Candidates must swim 200 yards and tread water for 10 minutes prior to any in water training.
3. Based on production requirements and instructor discretion.

### **G. Qualification Renewal**

1. Complete a yearly in water aptitude test based on Module 2 in water evaluation skills.
2. Complete a yearly written theory aptitude exam with a minimum score of 80%..

## U/W Videography Diver

- **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- U/W Videography Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified U/W Videography Divers an overall awareness of the U/W Videography dive and to be able perform U/W Videography dives.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. U/W Videography Diver - Students between 12 years of age and 14 years of age who meet the U/W Videography Diver performance requirements may qualify for a Jr. U/W Videography Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. U/W Videography Terminologies and areas
  - b. U/W Videography Procedures
  - c. Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*

2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. U/W Videography Equipment & Backup Equipment
3. U/W Videography Skills & Techniques
4. Dive Procedures
5. Navigation
6. Communication & Signals
7. Safety stop procedures
8. Planning and Procedures
9. Buddy organization
10. Common Hazards
11. Emergency procedures
12. Buoyancy control
13. Post dive maintenance
14. Post Dive Videograph management and basic editing
15. Perform an ascent sharing gas and establish positive buoyancy on the surface.

## Wall Diver

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- Wall Diving Specialty Instructor teach this course
- Open Water Sidemount Instructor or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. These Programs have been designed to provide qualified Wall Divers on how to use, take care and deal with specific emergencies related to a wall diving.

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
    - *Jr. Wall Diving Diver - Students between 12 years of age and 14 years of age who meet the Wall Diving Diver performance requirements may qualify for a Jr. Wall Diving Diver certification that allows them to dive under the supervision of an adult who has a minimum of a Wall Diving Diver certification level or higher.*

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - IANTD recommends the use of both, Course Specific Presentation and workbook
2. All the water skills must be practiced until the student is proficient in each skill.
3. Academic Session(s) must include:
  - a. Wall Terminologies and areas
  - b. Wall Procedures
  - c. Line Signals
4. Confined Water Session(s)
5. Open Water Sessions
  - a. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: Additional equipment may be required, as per the Program Outline approved in writing by the IANTD BOD.*

### E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than four (4) students per Instructor.
    - *NOTE: This ratio may be increased by two (2) when a qualified Dive Supervisor is used at which time the ratio may be increased to six (6) students.*



2. The Program must include:
  - a. A minimum of 90 minutes of Open Water bottom time.
  - b. SCUBA Dives within two (2) dives.
    - *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within two (2) SCUBA dives.*
3. No dives may be conducted to depths greater than diver previous certification level.

## **F. Water Skills Development**

1. Water Entries and Exits
2. Dive Procedures
3. Wall Diving Equipment and streamlining
4. Navigation
5. Communication & Signals
6. Safety stop procedures
7. Planning and Procedures
8. Buddy organization
9. Common Hazards
10. Emergency procedures
11. Buoyancy control
12. Perform an ascent sharing gas and establish positive buoyancy on the surface
13. Each diver is to perform an ascent managing a Surface Marker Buoy or DSMB as the lead diver and the buddy on at least 2 dives

# INTERNATIONAL ASSOCIATION OF NITROX AND TECHNICAL DIVERS



## ADAPTIVE PROGRAM

## **Adaptive Confined Water SCUBA Experience Program**

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### **Who may teach this course?**

- An Adaptive Open Water Diver Instructor

### **A. Purpose**

1. This experience program is designed to introduce the diver to the basic concepts of adaptive open water diver program and to provide practical confined water without any Open Water exposure.
  - *NOTE: It is not a Qualification Program.*

### **B. Prerequisites**

1. Must be a minimum of 10 years of age with a parent or guardian authorization, OR;
2. Must be a minimum of 18 years of age without guardian approval.

### **C. Program Content**

1. Conduct a knowledge development session or briefing that covers.
  - a. Special needs of the diver shall be discussed.
  - b. Psychological aspects of SCUBA diving, responsible diver attributes, and risk awareness
  - c. Breathing rules and equalization techniques
  - d. Equipment purpose and use
  - e. Hand signals
  - f. Regulator and mask clearing techniques
  - g. Respect for aquatic life (if appropriate)
  - h. Importance of watching and staying close to instructor
  - i. Limitations of the program and value of further training

### **D. Equipment & Text Requirements**

1. No Student Kit is required for this experience program.
2. Same as equipment requirements as Open Water.
  - *NOTE: For Visual Impaired - Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.*

### **E. Program Limits**

► **NOTE: Since each case is treated individually, with the procedures and adaptations for each impairment. The experience is based on the needs of each of the divers and is divided into Classes.**

1. Special Condition Types:
  - a. Physical
  - b. Intellectual
  - c. Cognitive
  - d. Autistic
    - i. Confined Water only.
  - e. Cerebral Palsy
  - f. Hearing Impaired
  - g. Visual Impaired
    - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
  - h. Multiple sclerosis
  - i. Muscular dystrophy
  - *NOTE: Any special condition type not listed above please consult with IANTD HQ.*

2. Adaptive Classifications Limits:
  - a. Adaptive Classification 1 - manages to perform autonomous diving safely, solve his own emergencies, help another diver and perform basic rescue. It can be a dive buddy - effective diving pair and is prepared to dive with another certified diver.
    - i. This diver must dive with another certified diver.
  - b. Adaptive Classification 2 - has performed all course standards, can perform self-rescue but cannot successfully complete course standards with efficiency in helping another diver in difficulty. At this classification you can only dive accompanied by 2 (two) certified divers. Does not require to be supervised by a professional.
    - i. Each Adaptive Classification 2 diver must dive with 2 (two) other certified divers.
  - c. Adaptive Classification 3 - met all standards for scuba diving. However, are not able to successfully complete his personal emergencies or perform basic scuba diving skills alone such as descending, swimming, clear mask. I.E. diving with tetraplegics with C2 lesion that can only move with the head. The instructor performs all procedures for diving, but it is suitable for scuba diving accompanied by an adapted dive instructor, and another certified diver.
    - i. Each Adaptive Classification 3 diver must dive with 2 (two) other certified divers.
      - a. 1 (one) of which is certified as a adaptive diver Professional.
3. Student to Instructor Ratio:
  - a. Adaptive Classification 1:
    - i. There may be no more than 2 students per Instructor.
  - b. Adaptive Classification 2:
    - i. There may be no more than 2 students per Instructor.
  - c. Adaptive Classification 3:
    - i. There may be no more than 1 student per Instructor.
4. All dives must be conducted, only, in pool or confined water with depths no greater than 33 fsw (10 msw).

## F. Water Skills Development

1. Same as the Confined Water SCUBA Experience Program (Adjustments according to the impairment may be applied)
  - *NOTE: Special needs shall be discussed and analyzed before and during the experience and adaptations to IANTD's conventional diving standards will be made as needed.*

## **Adaptive Open Water SCUBA Experience Program**

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### **Who may teach this course?**

- An Adaptive Open Water Diver Instructor

### **A. Purpose**

1. This experience program is designed to introduce the diver to the basic concepts of adaptive open water diver program and to provide practical Confined Water and Open Water exposure.
  - *NOTE: It is not a Qualification Program.*

### **B. Prerequisites**

1. Must be a minimum of 10 years of age with a parent or guardian authorization, OR;
2. Must be a minimum of 18 years of age without guardian approval.

### **C. Program Content**

1. Conduct a knowledge development session or briefing that covers.
  - a. Special needs of the diver shall be discussed.
  - b. Psychological aspects of SCUBA diving, responsible diver attributes, and risk awareness
  - c. Breathing rules and equalization techniques
  - d. Equipment purpose and use
  - e. Hand signals
  - f. Regulator and mask clearing techniques
  - g. Respect for aquatic life
  - h. Importance of watching and staying close to instructor
  - i. Limitations of the program and value of further training

### **D. Equipment & Text Requirements**

1. No Student Kit is required for this experience program.
2. Same as equipment requirements as Open Water.
  - *NOTE: For Visual Impaired - Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.*

### **E. Program Limits**

► **NOTE: Since each case is treated individually, with the procedures and adaptations for each impairment. The experience is based on the needs of each of the divers and is divided into Classes.**

1. Special Condition Types:
  - a. Physical
  - b. Intellectual
  - c. Cognitive
  - d. Autistic
    - i. Confined Water only.
  - e. Cerebral Palsy
  - f. Hearing Impaired
  - g. Visual Impaired
    - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
  - h. Multiple sclerosis
  - i. Muscular dystrophy
  - *NOTE: Any special condition type not listed above please consult with IANTD HQ.*

2. Adaptive Classifications Limits:
  - a. Adaptive Classification 1 - manages to perform autonomous diving safely, solve his own emergencies, help another diver and perform basic rescue. It can be a dive buddy - effective diving pair and is prepared to dive with another certified diver.
    - i. This diver must dive with another certified diver.
  - b. Adaptive Classification 2 - has performed all course standards, can perform self-rescue but cannot successfully complete course standards with efficiency in helping another diver in difficulty. At this classification you can only dive accompanied by 2 (two) certified divers. Does not require to be supervised by a professional.
    - i. Each Adaptive Classification 2 diver must dive with 2 (two) other certified divers.
  - c. Adaptive Classification 3 - met all standards for scuba diving. However, are not able to successfully complete his personal emergencies or perform basic scuba diving skills alone such as descending, swimming, clear mask. I.E. diving with tetraplegics with C2 lesion that can only move with the head. The instructor performs all procedures for diving, but it is suitable for scuba diving accompanied by an adapted dive instructor, and another certified diver.
    - i. Each Adaptive Classification 3 diver must dive with 2 (two) other certified divers.
      - a. 1 (one) of which is certified as a adaptive diver Professional.
3. Student to Instructor Ratio:
  - a. Adaptive Classification 1:
    - i. There may be no more than 2 students per Instructor.
  - b. Adaptive Classification 2:
    - i. There may be no more than 2 students per Instructor.
  - c. Adaptive Classification 3:
    - i. There may be no more than 1 student per Instructor.
4. All dives must be conducted, only, in pool or confined water with depths no greater than 33 fsw (10 msw).

## F. Water Skills Development

1. Same as the Open Water SCUBA Experience Program (Adjustments according to the impairment may be applied)
  - *NOTE: Special needs shall be discussed and analyzed before and during the experience and adaptations to IANTD's conventional diving standards will be made as needed.*



## Adaptive Supervised Diver Program

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Adaptive Open Water Diver Instructor

### A. Purpose

1. This Program is designed to provide basic training to those who wish to enter into Adaptive SCUBA diving adventures within limited time.
2. The purpose of this program is qualifies a, adaptive diver to dive to a maximum depth of 40 fsw (12 msw).

### B. Prerequisites

1. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
2. A minimum or 18 years of age without guardian approval.
3. Adaptive Jr. Supervised Diver - Students between 10 years of age and 14 years of age who meet the Supervised Diver performance requirements may qualify for a Adaptive Jr. Supervised Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher and according to the Adaptive Classification Limits.

### C. Program Content

► **NOTE: Special needs of the diver shall be discussed.**

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - *IANTD recommends the use of both, Course Specific Presentation and workbook*
  - *All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student*
2. All the water skills must be practiced until the student is proficient in each skill according to the specific Adaptive Classification Limit.
3. This program must include:
  - a. Academic Classes - The following chapters from the Open Water Diver Manual should be covered.
    - i. Chapter 1 - Origins of Modern Scuba Diving
    - ii. Chapter 2 - Diving Equipment
    - iii. Chapter 3 - Physical Aspects of the Diving Environment
    - iv. Chapter 4 - Physiology
    - v. Chapter 5 - Direct Pressure Injuries
    - vi. Chapter 6 - Physiological Problems from Increased Partial Pressure and Gas Solubility
      - a. Except for Organ and System Involvement and First Aid & Treatment of Decompression Sickness
    - vii. Chapter 7 - Diving
      - a. Except for Gas Management Calculations, Dive Tables
  - b. Workbook - If used, the Open Water Diver Workbook shall be complete entirely.
  - c. Confined water session(s).
    - i. See Section F Waterskills Development
  - d. Open Water Dives.
    - i. See Section E. Program Limits and Section F. Waterskills Development.
4. Students must pass the specific IANTD Supervised Diver test with a minimum score of 80%.

## D. Equipment & Text Requirements

1. The IANTD Supervised Student Kit.
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: For Visual Impaired - Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.*

## E. Program Limits

► *NOTE: Since each case is treated individually, with the procedures and adaptations for each impairment. The experience is based on the needs of each of the divers and is divided into Classes.*

1. Special Condition Types:
  - a. Physical
  - b. Intellectual
  - c. Cognitive
  - d. Autistic
    - i. Confined Water only.
  - e. Cerebral Palsy
  - f. Hearing Impaired
  - g. Visual Impaired
    - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
  - h. Multiple sclerosis
  - i. Muscular dystrophy
  - *NOTE: Any special condition type not listed above please consult with IANTD HQ.*
2. Adaptive Classifications Limits:
  - *NOTE: Any Adaptive diver that is not able to pass the final exam is automatically an Adaptive Classification 3.*
  - *NOTE: Upon successful completion of the final exam, the Adaptive classification can be upgraded.*
  - a. Adaptive Classification 1 - manages to perform autonomous diving safely, solve his own emergencies, help another diver and perform basic rescue. It can be a dive buddy - effective diving pair and is prepared to dive with another certified diver.
    - i. This diver must dive with another certified diver.
  - b. Adaptive Classification 2 - has performed all course standards, can perform self-rescue but cannot successfully complete course standards with efficiency in helping another diver in difficulty. At this classification you can only dive accompanied by 2 (two) certified divers. Does not require to be supervised by a professional.
    - i. Each Adaptive Classification 2 diver must dive with 2 (two) other certified divers.
  - c. Adaptive Classification 3 - met all standards for scuba diving. However, are not able to successfully complete his personal emergencies or perform basic scuba diving skills alone such as descending, swimming, clear mask. I.E. diving with tetraplegics with C2 lesion that can only move with the head. The instructor performs all procedures for diving. but it is suitable for scuba diving accompanied by an adapted dive instructor, and another certified diver.
    - i. Each Adaptive Classification 3 diver must dive with 2 (two) other certified divers.
      - a. 1 (one) of which is certified as a adaptive diver Professional.
3. Student to Instructor Ratio:
  - a. Adaptive Classification 1:
    - i. There may be no more than 4 students per Instructor.
  - b. Adaptive Classification 2:
    - i. There may be no more than 2 students per Instructor.
  - c. Adaptive Classification 3:
    - i. There may be no more than 1 student per Instructor.

4. The Program must include:
  - a. A minimum of 40 minutes of OW bottom time.
  - b. At least two (2) SCUBA dives.
5. On any of the program dives the maximum depth should not exceed 40 fsw (12 msw).
6. Appropriate safety stops must be performed.
7. No more than three (3) OW dives shall be conducted on a given day
8. On all dives, ascend at a rate of 30 feet (9 meters) per minute or slower.
9. Upon completion of this program, the diver may dive only under the direct supervision of a Professional and in accordance with the Adaptive Classification Limit.
10. Supervised divers may only participate in diving activities where appropriate diver support is always available at the surface, and where in-water decompression stops are not required and under conditions that are equal or better than the conditions where they were trained.

## **F. Water Skills Development**

1. Same as the Supervised Diver Program (Adjustments according to the impairment may be applied)
  - *NOTE: Special needs shall be discussed and analyzed before and during the experience and adaptations to IANTD's conventional diving standards will be made as needed.*

## Adaptive Open Water/Adaptive Open Water EANx Diver Program

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Adaptive Open Water Diver Instructor
- An Adaptive EANx Instructor or higher is required in order to certify a diver as an Adaptive Open Water EANx Diver

### A. Purpose

1. This Program is designed to provide comprehensive training to those who wish to become Adaptive SCUBA divers.
  2. This Program emphasizes the skills and knowledge needed to develop a safer novice Adaptive diver and to develop a sense of confidence and responsibility in those joining the adventures of underwater discovery.
  3. This Program qualifies an Adaptive diver to dive to a maximum depth of 60 fsw (18 msw) in open water, accompanied by other divers in accordance with the Adaptive classification limit.
  4. The purpose of this program is to qualify an Adaptive diver to participate in diving activities where appropriate Diver Support is always available at the surface, where in-water decompression stops are not required, and under conditions that are equal or better than the conditions where they were trained.
- *NOTE: If diving in conditions significantly different from those previously experienced the Adaptive diver shall require an appropriate orientation.*

### B. Prerequisites

1. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
2. A minimum of 18 years of age without guardian approval.
3. Adaptive Jr. Open Water Diver - Students between 10 years of age and 14 years of age who meet the Open Water Diver performance requirements may qualify for an Adaptive Jr. Open Water Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher and according with the Adaptive Classification Limits.
4. Adaptive Jr. Open Water EANx Diver - Students between 10 years of age and 14 years of age who meet the open water diver and the enriched air nitrox diver performance requirements may qualify for an Adaptive Jr. Open Water EANx Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver and enriched air nitrox diver certification level or higher and according with the Adaptive Classification Limits.

### C. Program Content

► **NOTE: Special needs of the diver shall be discussed.**

1. At least one (1) general lecture must be included addressing the psychological aspects of SCUBA diving. This must include responsible diver attributes, and risk awareness and management for Sport diving.
2. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - *IANTD recommends the use of both, Course Specific Presentation and workbook*
  - *All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student*
3. All the water skills must be practiced until the student is proficient in each skill according to the specific Adaptive Classification Limit.
4. Plan dives and demonstrate ability to act as a responsible diver.
5. This program must include:
  - a. Academic Classes, Confined water session(s) and Open Water Dives.
6. Students must pass the specific IANTD Open Water Diver test with a minimum score of 80%.
  - *NOTE: The Open Water EANx Diver must also complete the EANx Diver Final Exam with a minimum score of 80%.*

## D. Equipment & Text Requirements

1. For IANTD Open Water Diver
  - a. The IANTD Open Water Student Kit.
2. For Open Water Nitrox Diver:
  - a. IANTD Open Water EANx Diver Student Kit
3. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.

► *NOTE: For Visual Impaired - Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.*

## E. Program Limits

► *NOTE: Since each case is treated individually, with the procedures and adaptations for each impairment. The experience is based on the needs of each of the divers and is divided into Classes.*

1. Special Condition Types:
  - a. Physical
  - b. Intellectual
  - c. Cognitive
  - d. Autistic
    - i. Confined Water only.
  - e. Cerebral Palsy
  - f. Hearing Impaired
  - g. Visual Impaired
    - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
  - h. Multiple sclerosis
  - i. Muscular dystrophy

► *NOTE: Any special condition type not listed above please consult with IANTD HQ.*
2. Adaptive Classifications Limits:
 

► *NOTE: Any Adaptive diver that is not able to pass the final exam is automatically an Adaptive Classification 3.*

► *NOTE: Upon successful completion of the final exam, the Adaptive classification can be upgraded.*

  - a. Adaptive Classification 1 - manages to perform autonomous diving safely, solve his own emergencies, help another diver and perform basic rescue. It can be a dive buddy - effective diving pair and is prepared to dive with another certified diver.
    - i. This diver must dive with another certified diver.
  - b. Adaptive Classification 2 - has performed all course standards, can perform self-rescue but cannot successfully complete course standards with efficiency in helping another diver in difficulty. At this classification you can only dive accompanied by 2 (two) certified divers. Does not require to be supervised by a professional.
    - i. Each Adaptive Classification 2 diver must dive with 2 (two) other certified divers.
  - c. Adaptive Classification 3 - met all standards for scuba diving. However, are not able to successfully complete his personal emergencies or perform basic scuba diving skills alone such as descending, swimming, clear mask. I.E. diving with tetraplegics with C2 lesion that can only move with the head. The instructor performs all procedures for diving. but it is suitable for scuba diving accompanied by an adapted dive instructor, and another certified diver.
    - i. Each Adaptive Classification 3 diver must dive with 2 (two) other certified divers.
      - a. 1 (one) of which is certified as a adaptive diver Professional.

3. Student to Instructor Ratio:
  - a. Adaptive Classification 1:
    - i. There may be no more than 4 students per Instructor.
  - b. Adaptive Classification 2:
    - i. There may be no more than 2 students per Instructor.
  - c. Adaptive Classification 3:
    - i. There may be no more than 1 student per Instructor.
4. The Program must include:
  - a. A minimum of 80 minutes of OW bottom time.
  - b. At least four (4) SCUBA dives.
    - ▶ *NOTE: Even if the time requirements are exceeded, a minimum of four (4) SCUBA dives must be made.*
    - ▶ *NOTE: The bottom time on each dive shall not be less than 20 minutes.*
    - ▶ *NOTE: For qualification as OWEANx Diver, two (2) dives must be on EANx.*
5. Open Water Dives:
  - a. Open water dives numbers one (1) and two (2) must be conducted to depths between 20 fsw (6 msw) and 30 fsw (9 msw).
  - b. At least one (1) of dives three (3) or four (4) must be conducted to a depth between 30 fsw (9 msw) and 60 fsw (18 msw).
    - ▶ *NOTE: No training dives may exceed 60 fsw (18 msw).*
    - ▶ *NOTE: For Adaptive Jr. Open Water Diver/Adaptive Jr. Open Water EANx Diver with ages of 10-11 years old, the maximum depth is 40 fsw (12 msw).*
6. Appropriate safety decompression stops must be performed.
7. No more than three (3) OW dives shall be conducted on a given day.
8. On all dives, ascend at a rate of 30 feet (9 meters) per minute or slower.
9. Upon completion of the Open Water EANx Diver Program, the diver may dive any EANx mixture from Air to EAN40.

## F. Water Skills Development

1. Same as the Open Water Diver/Open Water EANx Diver Program (Adjustments according to the impairment may be applied).
  - ▶ *NOTE: Special needs shall be discussed and analyzed before and during the experience and adaptations to IANTD's conventional diving standards will be made as needed.*



## Adaptive Advanced Open Water Diver Program

► **BE SURE TO CHECK THE SPORT DIVER PROGRAM - GENERAL STANDARDS (Pg 25).**

### Who may teach this course?

- An Adaptive Open Water Diver Instructor

### A. Purpose

1. This mid-level Continuing Education Program is designed to enable IANTD Adaptive Open Water Divers to extend their proficiency in the water and to gain more supervised practical experience.
2. The purpose of this program is to qualify an Adaptive diver to dive to a maximum depth of 100 fsw (30 msw).
  - *NOTE: If diving in conditions significantly different from those previously experienced the Adaptive diver shall require an appropriate orientation.*

### B. Prerequisites

1. Certification requirements:
  - a. Must be a qualified IANTD Adaptive Open Water Diver or IANTD Open Water Diver or equivalent.
2. Age requirement:
  - a. A minimum of 15 years of age for Diver qualification with a parent or guardian authorization, OR;
  - b. A minimum of 18 years of age without guardian approval.
  - c. Adaptive Jr. Advanced Open Water Diver - Students between 10 years of age and 14 years of age who meet the Advanced Open Water Diver performance requirements may qualify for an Adaptive Jr. Advanced Open Water Diver certification that allows them to dive under the supervision of an adult who has a minimum of an open water diver certification level or higher and according with the Adaptive Classification Limits.

### C. Program Content

► **NOTE: Special needs of the diver shall be discussed.**

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - *IANTD recommends the use of both, Course Specific Presentation and workbook*
  - *All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student*
2. All the water skills must be practiced until the student is proficient in each skill according to the specific Adaptive Classification Limit.
3. Plan dives and demonstrate ability to act as a responsible diver.
4. This program must include:
  - a. Academic Classes, Confined water session(s) and Open Water Dives.
5. Students must pass the specific IANTD Advanced Open Water Diver test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Advanced Open Water Diver Student Kit
2. The IANTD Diver & The IANTD Instructor/Professional must fulfill all equipment requirements as specified in the general Sport Diver Programs overview.
  - *NOTE: For Visual Impaired - Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.*

## E. Program Limits

► **NOTE:** Since each case is treated individually, with the procedures and adaptations for each impairment. The experience is based on the needs of each of the divers and is divided into Classes.

### 1. Special Condition Types:

- a. Physical
- b. Intellectual
- c. Cognitive
- d. Autistic
  - i. Confined Water only.
- e. Cerebral Palsy
- f. Hearing Impaired
- g. Visual Impaired
  - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
- h. Multiple sclerosis
- i. Muscular dystrophy

► **NOTE:** Any special condition type not listed above please consult with IANTD HQ.

### 2. Adaptive Classifications Limits:

► **NOTE:** Any Adaptive diver that is not able to pass the final exam is automatically an Adaptive Classification 3.

► **NOTE:** Upon successful completion of the final exam, the Adaptive classification can be upgraded.

- a. Adaptive Classification 1 - manages to perform autonomous diving safely, solve his own emergencies, help another diver and perform basic rescue. It can be a dive buddy - effective diving pair and is prepared to dive with another certified diver.
  - i. This diver must dive with another certified diver.
- b. Adaptive Classification 2 - has performed all course standards, can perform self-rescue but cannot successfully complete course standards with efficiency in helping another diver in difficulty. At this classification you can only dive accompanied by 2 (two) certified divers. Does not require to be supervised by a professional.
  - i. Each Adaptive Classification 2 diver must dive with 2 (two) other certified divers.
- c. Adaptive Classification 3 - met all standards for scuba diving. However, are not able to successfully complete his personal emergencies or perform basic scuba diving skills alone such as descending, swimming, clear mask. I.E. diving with tetraplegics with C2 lesion that can only move with the head. The instructor performs all procedures for diving, but it is suitable for scuba diving accompanied by an adapted dive instructor, and another certified diver.
  - i. Each Adaptive Classification 3 diver must dive with 2 (two) other certified divers.
    - a. 1 (one) of which is certified as a adaptive diver Professional.

### 3. Student to Instructor Ratio:

- a. Adaptive Classification 1:
  - i. There may be no more than 4 students per Instructor.
- b. Adaptive Classification 2:
  - i. There may be no more than 2 students per Instructor.
- c. Adaptive Classification 3:
  - i. There may be no more than 1 student per Instructor.

### 4. The Program must include:

- a. A minimum of 120 minutes of OW bottom time.
- b. SCUBA Dives within four (4) to seven (7) dives
  - i. One (1) dive must be to between 80 fsw and 100 fsw (24 msw and 30 msw);
  - ii. One (1) dive must be a Night Dive;
  - iii. One (1) dive must be Navigation Dives:

- a. Natural Navigation.
- b. Compass Navigation.

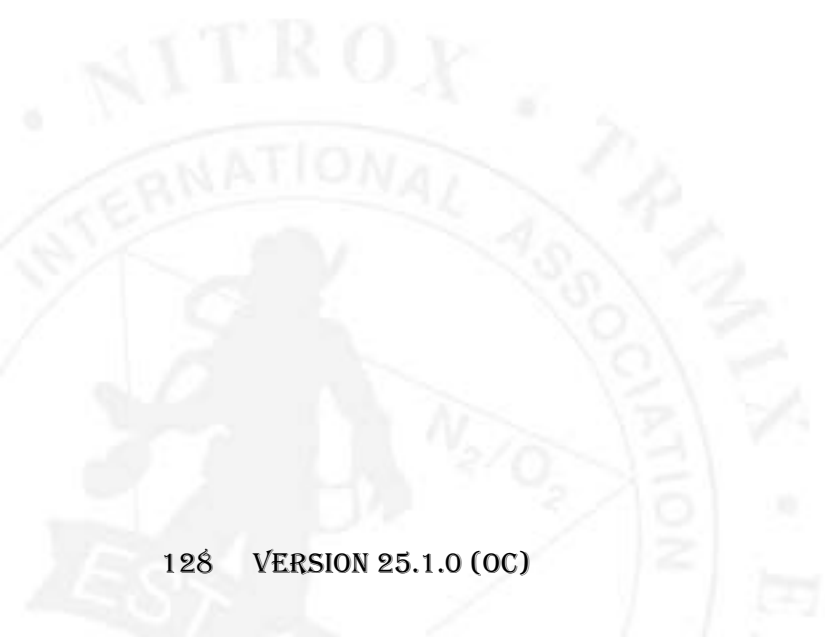
► *NOTE: For Adaptive Jr. Advanced Open Water Diver with ages of 10-11 years old, the maximum depth is 70 fsw (21 msw).*

► *NOTE: If the skill and bottom time requirements are completed earlier, the Program may be completed within four (4) SCUBA dives.*

- 5. Appropriate safety decompression stops must be performed.
- 6. No more than three (3) OW dives shall be conducted on a given day.
- 7. On all dives, ascend at a rate of 30 feet (9 meters) per minute or slower.

## **F. Water Skills Development**

- 1. Same as the Advanced Open Water Diver Program (Adjustments according to the impairment may be applied).
  - *NOTE: Special needs shall be discussed and analyzed before and during the experience and adaptations to IANTD's conventional diving standards will be made as needed.*



# INTERNATIONAL ASSOCIATION OF NITROX AND TECHNICAL DIVERS



Wisdom  
Attitude  
Training  
Experience  
Repetition

## LEADERSHIP, INSTRUCTOR, COURSE DIRECTOR & INSTRUCTOR TRAINER PROGRAMS

## Leadership, Instructor, Course Director & Instructor Trainer General Standards

► **NOTE:** Unless indicated as specifically for Leadership, Instructor, CD & IT Programs, the following general statements apply to all IANTD Leadership, Instructor, CD & IT Qualification Programs.

### A. General Purpose

1. These Programs are designed to develop qualified IANTD Divemasters, Dive Supervisors and Sport Diving Instructors.
2. Course Directors or Instructor Trainers, who are also ITs or Program Directors with other Open Water Agencies may continue to conduct Open Water Instructor Training / Development Programs through those agencies.
3. Course Directors or Instructor Trainers must qualify EANx and Technical level Instructors through IANTD.
4. Course Directors or Instructor Trainers who advertise an IANTD Instructor qualification program and then certify Instructors with other EANx or Technical diving agencies instead of IANTD, will be suspended from IANTD Course Directors or Instructor Trainer status.

### B. Prerequisites

1. Must show proof of prior qualification in:
  - a. Meet any additional prerequisites inside any IANTD Leadership Program
  - b. IANTD Oxygen Provider or equivalent;
  - c. IANTD CPR or equivalent;
  - d. IANTD Diving First Aid or equivalent;
    - *NOTE: These qualifications can be complete in conjunction with the IDP or IEC.*
    - *NOTE: In order to teach, this skill set must be renewed every two (2) years by practice or update from HQ.*
    - *NOTE: The IANTD Oxygen Administrator, CPR, AED & Diving First Aid may only be issued if the instructor attends a crossover course for this material.*
    - *NOTE: In order to teach the IANTD Oxygen Administrator, CPR, AED & Diving First Aid the Instructor must attend each Instructor IDP or IEC.*
  - e. IANTD Rescue Diver or equivalent
  - f. IANTD Divemaster or equivalent
  - g. Proof of Current Medical Examination or physical fitness results.
  - h. Must be a minimum of 18 years of age.
  - i. For the Course Director or Instructor Trainer Candidate, the candidate must meet these additional Prerequisites
    - I. Must be at least 21 years of age.
    - II. IANTD Oxygen Administrator Instructor or equivalent;
    - III. IANTD CPR Instructor or equivalent;
    - IV. IANTD Diving First Aid Instructor or equivalent;
    - V. IANTD Assistant Course Director
      - *NOTE: These IT qualifications can be completed in conjunction with the CDDP or ITDP or ITEC but training hours do not count to the minimum required.*
      - *NOTE: In order to teach, Oxygen Administrator, CPR, AED & Diving First Aid the IT must revalidate the training every two (2) years by participating in an update.*
      - *NOTE: In order to teach the IANTD Oxygen Administrator, CPR, AED & Diving First Aid the Instructor Trainer must be certified for each of these programs.*
2. Provide proof of insurance listing IANTD as an Additional Insured or financial responsibility for supervising students in the water.
3. Become an IANTD Member and remit annual Member fees.



## C. Administrative Requirements - Instructor, Leadership/Facility & IANTD

► **NOTE: All training forms and documents are to remain in the instructor's possession for a minimum of seven (7) years. Upon request for QA reasons or legal needs, the instructor will provide IANTD HQ or the local IANTD Licensee a copy of these forms for a specified student(s).**

1. For every program and prior to any In-Water activity the instructor must ensure:
  - a. The program schedule is presented;
  - b. The students have and record the appropriate prerequisites as listed for each program;
  - c. The student fill out the Administrative forms:
    - I. Medical Exam
      - i. The candidate shall have, within the past year, a medical examination and approval for diving, without conditions or restrictions, by a licensed medical practitioner prior to engaging in water activities. In no event shall medical approval be accepted, wherein the medical practitioner signing the approval is the participating candidate.
2. IANTD Complete Liability Release and Contract Not to Sue Form.
3. In order to complete the Leader Registration or instructor the Instructor or IT must submit to IANTD Headquarters or to the appropriate Licensee Office:
  - a. IANTD LEADER Membership and Renewal Form
  - b. IANTD Specific Leadership Final Exam
  - c. Any other required paperwork by IANTD Headquarters.

## D. Text / Media

1. All IANTD courses require Student Kits to certify Divers and/or Instructors.
2. Each student MUST have a full set of these reference materials during and following the completion of the class.
3. The specific kit is titled "Instructor, Leadership or Diver program name" followed by the words "Instructor, Leadership level or Student Kit".
4. IANTD course specific Power Point Slides.
5. On-line material guides and user manuals
6. Facility Standards.

## E. Teaching Prerequisites

1. Provide proof of insurance listing IANTD as an Additional Insured.
2. Be an IANTD Member and remit annual Instructor fees.

## F. Prerequisites

1. Must be a minimum of 18 years of age.
2. Provide proof of insurance listing IANTD as an Additional Insured or financial responsibility for supervising students in the water.
3. Become an IANTD Member or remit annual Divemaster or Supervisor Member fees.

## G. Program Content

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## H. Equipment & Text Requirements

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## I. Program Limits

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS



## J. Water Skills

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

► **CAUTION: In any emergency situation no lines shall be removed from the overhead environment (Cave, Wreck, Mine etc...) until all team members are accounted for. Emergency situations like but not limited to Gas Sharing, Bump & Go, Touch Contact, Lost Diver and many others.**

► **CAUTION: A continuous guideline that allows for a safe exit at the entrance will be in place at all times during training in any overhead environment.**

► **NOTE: To be allowed to teach the Open Water Free Diver Program, the candidate must be certified as Open Water Free Diver Instructor.**

2. For Course Director and Instructor Trainer Candidates, these additional requirements apply:
  - a. Prior to all dives a “briefing” must be conducted. Following all dives, a “debriefing” must be conducted.
  - b. Confined water sessions are to be completed prior to open water dives being performed (or overhead environment dives, as applicable). The confined water sessions will include an introduction, demonstration and student performance of watermanship, skills and techniques to be developed during the course. When teaching a combination of courses, all the skills may be practiced in a single confined water session.
  - c. This confined water session may be in open water in depths up to 40 feet (12 msw) provided decompression stops are not required.
  - d. All watermanship skills must demonstrate mastery of each skill.
  - e. The training requirements here in are IANTD minimums.
  - f. Practice of SCUBA diving equipment configuration including redundancy and streamlining.
  - g. Dives may be accomplished in overhead environments if the diver is already qualified or if taking this Program in conjunction with a cave or wreck course.
  - h. Demonstrate proficiency in illustrating and teaching any IANTD Water Skills for the appropriate Course Director or IT level (confined water and open water) as assigned by ITT or IANTD HQ or IANTD Licensee.
  - i. Complete Watermanship Evaluation
  - j. Demonstrate an open water rescue of a diver from a depth no greater than 20 fsw (6 msw), including:
    - I. Recognition of emergency situations.
    - II. Controlled casualty recovery from depth.
    - III. Effective emergency surface actions.
    - IV. Removal of equipment.
    - V. Surface tow for a distance of about 100 feet (30 meters) while simulating rescue breaths.
    - VI. Casualty recovery from water.
    - VII. Simulation of full application of emergency plan including coordination with local emergency services.
  - k. Demonstrate at least two (2) practical lesson planning, preparation and conduct for Confined Water Skills be selected from the appropriate Course Director or IT level. Procedure must include the following:
    - I. Preparation.
    - II. Planning.
    - III. Briefing.
    - IV. Skill demonstration.
    - V. Student practice and group supervision and control.
    - VI. Problem recognition and solving.
    - VII. Student evaluation.
    - VIII. Debriefing.
  - l. Demonstrate at least two (2) practical lesson planning, preparation and conduct for Open Water Skills; Skills shall be selected from the appropriate Course Director or IT level. Procedure must include the following:
    - I. Preparation.
    - II. Planning.
    - III. Briefing.

- IV. Skill demonstration.
  - V. Student practice and group supervision and control.
  - VI. Problem recognition and solving.
  - VII. Student evaluation.
  - VIII. Debriefing.
- m. Evaluate at least two (2) practical lesson planning, preparation and conduct for Confined Water Skills. The Confined Water Skills shall be selected from the appropriate Course Director or IT level. Procedure must include the following:
- I. Planning
  - II. Briefing.
  - III. Skill demonstration.
  - IV. Student practice and group supervision and control.
  - V. Problem recognition and solving.
  - VI. Student evaluation.
  - VII. Debriefing.
- n. Evaluate at least two (2) practical lesson planning, preparation and conduct for Open Water Skills selected from the appropriate Course Director or IT level. Procedure must include the following:
- I. Preparation.
  - II. Planning.
  - III. Briefing.
  - IV. Skill demonstration.
  - V. Student practice and group supervision and control.
  - VI. Problem recognition and solving.
  - VII. Student evaluation.
  - VIII. Debriefing.
  - IX. Candidates shall be exposed to si
    - i. In-water emergencies,
    - ii. Group dynamics,
    - iii. Behavioral problems
    - iv. Typical learning difficulties.

## K. Special Notes

- *Course Directors or ITs must demonstrate the ability to demonstrate while maintain good TRIM all emergency skills taught in the diver course.*
- *Depth increases in training programs shall not progress at depths greater than 33 fsw (10 msw) deeper than the previous depth in the course or the students deepest previous depth experience.*
- *On any occasion a student requires assistance, the instructor and any Divemaster or dive supervisor will make every reasonable effort to assist or rescue the student. The instructor will be expected to continue an assist or rescue attempt until it is either successful or it becomes apparent that to continue will result in unreasonably endangering the rescuers life or endanger other students or members of the dive team.*
- *When diving offshore, during training the DSMB or Lift Bag is to be used as a backup decompression or ascent platform and not as the primary platform, except in circumstances defined by the environment being dived in such as strong currents, boat traffic, or other conditions that would make the use of a float ball and ascent line impractical or dangerous. On drift dives, it is recommended that an ascent line attached to a float be used to provide stability for students during ascent. Only in situations where the circumstances of the environment or the dive make a fixed or drift ascent line buoyed to the surface or attached to a boat a less safe option will DSMB or Lift Bag deployments be used as the primary ascent platform for dives deeper than 100 fsw (30 msw).*
- *To be eligible for any IANTD training qualification, a minimum watermanship skill performance average must be 80% out of 100%. With additional dives, the student may graduate from the course with at least 80% on two consecutive dives. This may require several additional dives be added to the course.*

## L. Qualification Requirements

1. Upon completion of all listed academic and water skills / dives to the Instructor's satisfaction, a wall certificate and appropriate IANTD Supervisor qualification card will be issued.
2. Training is purchased upon enrollment. Qualification is earned through the candidate's performance and knowledge demonstrated during the Program.
3. Leadership position candidates with unsafe attitudes, or demonstrating inappropriate dive habits, must not be qualified.
4. It is required that all training dives be logged and it is recommended that dives be in the IANTD Recreational or Technical Diving Logbook or any kind of dive log system.
5. Upon qualification candidates should stay abreast of new technologies and / or practices in sport and technical diving.
6. Proof of insurance is required to be submitted to IANTD.
7. Complete the instructor physical skill evaluation and have it witnessed by another diver or instructor.
8. Become an IANTD Member and remit annual Professional Member fees.

► **Leadership, Instructor, Course Director or IT candidates with unsafe attitudes, or demonstrating inappropriate dive habits, must not be certified. Qualification is earned through the candidate's performance and demonstrated knowledge.**

## M. Qualification Renewal

1. Upon qualification candidates should stay abreast of new technologies and / or practices in sport and technical diving.
2. For all professionals, defined as Divemasters, Supervisors, Instructors and Instructor Trainers, proof of insurance is required.
3. Remain as an active IANTD Member and remit appropriate annual renewal fees.
4. Medical Exam
  - a. The candidate shall have, within the past year, a medical examination and approval for diving, without conditions or restrictions, by a licensed medical practitioner prior to engaging in water activities. In no event shall medical approval be accepted, wherein the medical practitioner signing the approval is the participating candidate.

## N. Instructor Evaluation Crossover

1. Have a instructor certification of a comparable level from a recognized training organization and obtain HQ approval
2. Meet all the pre-requisites as outline the standards
3. Have an IANTD Sport Diving Instructor Kit.
4. Complete review of the IANTD Standards & Procedures
5. Complete review of the IDP Presentation
6. Complete the following written exam:
  - a. Specific Instructor Exam
  - b. Standard & Procedures Exam
7. Demonstrate proficiency teaching and demonstrating the skills and techniques required in the applicable diver program over the course of 2 dives or more as need to adequately demonstrate Instructor proficiency.

► **Note dives for crossover evaluation do not need to be to the same depths as the dive program but should be to sufficient depths to permit the IT to ensure the crossover candidate processes the proficiency to teach this program**

## O. Adaptive Instructor Upgrade

1. Prerequisites.
  - a. IANTD Instructor in active status
  - b. IANTD Full Face Mask Instructor
2. Special Equipment Requirement for Visual Impaired Instructor:
  - a. Must own or have unlimited access to two sets of Full Face mask with communication.
3. Meet all the pre-requisites as outline the Adaptive diver standards.
4. Complete review of the IANTD Adaptive Diver Standards & Procedures
  - a. Pass the Adaptive Standard & Procedures Exam
5. Demonstrate proficiency teaching and demonstrating the skills and techniques in accordance with each Adaptive Classification Limits required in each Adaptive Diver program over the course of 3 dives or more as need to adequately demonstrate Instructor proficiency.
6. Simulate at least 3 scenarios that includes each impairment type bellow:
  - a. Physical
  - b. Hearing Impaired
  - c. Intellectual
7. For Adaptive Visual Impaired instructor, also include the following scenario:
  - a. Visual Impaired Dive
    - i. Full Face mask with communication is required for the Adaptive Diver and the Dive Buddy.
  - b. *NOTE: Any special condition type not listed above please consult with IANTD HQ.*

## P. Inactive Instructor

If an instructor is inactive for two (2) years, the instructor must complete the following reinstatement procedure:

1. Attend an instructor reinstatement program with an Instructor Trainer assigned by HQ or corresponding IANTD Licensee for the area.
2. Complete standards review.
3. Instructor must pass the specific IANTD Standards Test with a minimum score of 100% with remediation by the Instructor Trainer.
4. Complete lectures as assigned by the Instructor Trainer to verify in-depth knowledge and currency in theory and classroom. Perform instructor skills at demonstration quality at the instructor's highest level.
5. Co-teach as assigned by the Instructor Trainer, part of:
  - a. Academic portion at instructor's highest level of certification.
  - b. Confined Water portion at instructor's highest level of certification.
  - c. In Water portion at instructor's highest level of certification

## Q. Inactive Course Director or Instructor Trainer

1. If a Course Director or IT is inactive for two (2) years, the Course Director or IT must complete the following reinstatement procedure:
  - a. Attend an instructor trainer reinstatement program with an Instructor Trainer assigned by HQ or IANTD HQ or corresponding IANTD Licensee for the area.
  - b. Complete standards review.
  - c. Course Director or IT must pass the specific IANTD Standards Test with a minimum score of 100% with remediation by the Instructor Trainer or IANTD HQ or IANTD Licensee.
  - d. Complete lectures as assigned by the Instructor Trainer, or IANTD HQ or IANTD Licensee to verify in-depth knowledge and currency in theory and classroom.
  - e. Perform Course Director or IT skills at demonstration quality at the instructor trainer's highest level.
  - f. Co-teach as assigned by the Instructor Trainer or IANTD HQ or IANTD Licensee, part of:
    - I. Academic portion at instructor trainer's highest level of certification.
    - II. Confined Water portion at instructor trainer's highest level of certification.
    - III. In-Water portion at instructor trainer's highest level of certification.



## Sport Diving Instructor Watermanship Form



## SPORT DIVING INSTRUCTOR WATERMANSHIP

(Version 18.2.0)

Instructor Candidate Name: \_\_\_\_\_

Course Title: \_\_\_\_\_

If Rebreather, write which one was used during class: \_\_\_\_\_

Started Date: \_\_\_\_\_ Ended Date: \_\_\_\_\_ IT Name: \_\_\_\_\_ IT #: \_\_\_\_\_

Mandatory watermanship evaluations for all Instructor Candidates (80 points passing)

NOTE: SPORT DIVING INSTRUCTOR PROGRAMS MUST INCLUDE THE FOLLOWING WATER SKILLS AND PHYSICAL FITNESS EVALUATIONS. THESE EVALUATIONS MUST ALL BE DONE AT ONE SESSION. REPEAT THESE EVALUATIONS AT EACH INSTRUCTOR LEVEL, IF IT HAS BEEN MORE THAN THREE (3) MONTHS SINCE THE LAST EVALUATION.

## 1) Skill One (20 points) – Subscore: \_\_\_\_\_

- a) Swim for a distance of 1,200 feet (370 meters) swim without the use of mask, fins, or snorkel, or of other swimming aids. Subtract four minutes from actual time to score handicapped candidates, such as those with a missing limb (e.g., if performed in 12 minutes or less, the score would be 20 points)

TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS
8 minutes or less	20	11:01 to 11:20	17	12:46 to 13:00	14	14:16 to 14:30	10
8:01 to 8:40	19.5	11:21 to 11:40	16.5	13:01 to 13:15	13.5	14:31 to 14:45	9
8:41 to 9:20	19	11:41 to 12:00	16	13:16 to 13:30	13	14:46 to 15:00	8
10:01 to 10:20	18.5	12:01 to 12:15	15.5	13:31 to 13:45	12.5	15:01 to 15:15	6
10:21 to 10:40	18	12:16 to 12:30	15	13:46 to 14:00	12	15:16 to 15:30	4
10:41 to 11:00	17.5	12:31 to 12:45	14.5	14:01 to 14:15	11	15:31 to 16:00	2

## 2) Skill Two (20 points) – Subscore: \_\_\_\_\_

- a) Swim 1,800 feet (550 meters) using mask, snorkel and fins (swim with fins only; handicapped divers may use both hands and feet).

TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS
15 minutes or less	20	16:41 to 17:00	17	18:41 to 19:00	12	20:21 to 20:30	05
15:01 to 15:20	19.5	17:01 to 17:20	16.5	19:01 to 19:20	11	20:31 to 20:40	04
15:21 to 15:40	19	17:21 to 17:40	16	19:21 to 19:40	10	20:41 to 20:50	03
15:41 to 16:00	18.5	17:41 to 18:00	15	19:41 to 20:00	08	20:51 to 21:00	02
16:01 to 16:20	18	18:01 to 18:20	14	20:01 to 20:10	07	Over 21 Minutes	00
16:21 to 16:40	17.5	18:21 to 18:40	13	20:11 to 20:20	06		

## 3) Skill Three (20 points) – Subscore: \_\_\_\_\_

- a) Swim while wearing SCUBA gear on the surface, breathing through a snorkel, for a distance of 800 feet (240 meters). Subtract 3 minutes from actual time to score handicapped candidates or candidates using a rebreather (e.g., if performed in 11 minutes or less, the score would be 20 points).

TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS
8 minutes or less	20	9:31 to 9:45	17	10:31 to 10:40	12	11:21 to 11:30	05
8:01 to 8:20	19.5	9:46 to 10:00	16	10:41 to 10:50	11	11:31 to 11:40	04
8:21 to 8:40	19	10:01 to 10:10	15	10:51 to 11:00	10	11:41 to 11:50	02
8:41 to 9:00	18.5	10:11 to 10:20	14	11:01 to 11:10	08	11:51 to 12:00	01
9:01 to 9:15	18	10:21 to 10:30	13	11:11 to 11:20	06	over 12 minutes	00
9:16 to 9:30	17.5						



## SPORT DIVING INSTRUCTOR WATERMANSHIP

(Version 18.7.0)

## 4) Skill Four (20) – Subscore: \_\_\_\_\_

- a) Swim while wearing SCUBA gear for a distance of 1,800 feet (550 meters). Subtract 3 (three) minute from actual time for divers using double tanks/rebreather (e.g., if performed in 17 minutes or less, the score would be 20 points). NOTE: Rebreather candidates should perform this skill breathing from offboard bailout.

TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS
16 minutes or less	20	18:31 to 19:00	17	21:30 to 22:00	14	23:11 to 23:20	08
16:01 to 16:30	19.5	19:01 to 19:30	16.5	22:01 to 22:15	13	23:21 to 23:30	06
16:31 to 17:00	19	19:31 to 20:00	16	22:16 to 22:30	12	23:31 to 23:40	04
17:01 to 17:30	18.5	20:01 to 20:30	15.5	22:31 to 22:45	11	23:41 to 23:50	02
17:31 to 18:00	18	20:31 to 21:00	15	22:46 to 23:00	10	23:51 to 24:00	01
18:01 to 18:30	17.5	21:01 to 21:30	14.5	23:01 to 23:10	09	over 24 minutes	00

## 5) Skill Five (20) – Subscore: \_\_\_\_\_

- a) Swim for a distance of 50 feet (15 meters), without breathing, and commence gas sharing via alternate second-stage regulator with another diver. While continuing to share gas, swim a distance of 1,200 feet (360 meters). Time for scoring begins when both divers begin swimming while sharing gas. Subtract 5 points for each failed attempt by the diver to complete the 50 foot swim. Rebreather candidates will gas share using offboard bailout. Subtract 3 minutes from actual time to score handicapped candidates or divers using a rebreather.

TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS	TIME (MM:SS)	POINTS
10:00 or under	20	11:41 to 12:00	17	13:16 to 13:30	14	15:21 to 15:30	06
10:01 to 10:20	19.5	12:01 to 12:15	16.5	13:31 to 13:45	13	15:31 to 15:40	04
10:21 to 10:40	19	12:16 to 12:30	16	13:46 to 15:00	12	15:41 to 15:50	02
10:41 to 11:00	18.5	12:31 to 12:45	15.5	15:01 to 15:10	10	15:51 to 16:00	01
11:01 to 11:20	18	12:46 to 13:00	15	15:11 to 15:20	08	over 16 minutes	00
11:21 to 11:40	17.5	13:01 to 13:15	14.5				

6) Survival swim/float without the use of mask, fins, or snorkel, or of other swimming aid for 10 Minutes  
\_\_\_\_\_ (Pass or Fail)

## 7) Instructor Watermanship Skills Conclusion:

ACKNOWLEDGE OF GRADE	TOTAL SCORE	DATE	SIGNATURE or PIN#
Instructor Candidate			
Instructor Trainer Signature			



## Divemaster

▶ **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- ▶ IANTD Open Water Diver Instructor or higher may teach the Divemaster portion
- ▶ IANTD Tek Open Water Sidemount Instructor is required in order to certify a diver on Sidemount Configuration

### A. Purpose

1. This Program is designed to provide responsible training for those persons wishing to supervise IANTD divers.
2. These include IANTD Open Water Diver, IANTD Advanced Open Water Diver, IANTD EANx Diver and Rescue Diver.

### B. Prerequisites

1. Certifications requirements:
  - ▶ *NOTE: If an equivalent certification is accepted for CPR and Oxygen Provider, it must be current within the last two (2) years.*
  - ▶ *NOTE Qualification in two (2) optional IANTD Specialty Programs is recommended.*
    - a. Must be qualified as:
      - I. IANTD Rescue Diver or equivalent
      - II. IANTD EANx Diver or equivalent
    - ▶ *First Aid, CPR and Oxygen Administrator may be conduct in conjunction with the program but training hours do not count to the minimum required.*
    - ▶ *As long as the other prerequisites are fulfilled, the Rescue Diver Program may be taught during the Divemaster Program and may be counted toward the 40 total training hours.*
2. Age requirement:
  - a. Must be a minimum of 18 years of age without guardian approval.
3. Dive experience:
  - a. Must proof of a minimum of 60 logged dives.
    - ▶ Dive experience must include dives in a variety of environments including but not limited to Night Dive/Limited Visibility, Navigation, Marine Ecology, Deep Dive or any other ADDITIONAL SPECIALIZED PROGRAM.

### C. Program Content

1. Use of the Course Specific Presentation is optional with the use of the Course Specific Student Workbook or IANTD eLearning which must be completed prior to any in-water training.
  - ▶ IANTD recommends the use of both, Course Specific Presentation and workbook
  - ▶ All content from the Specific IANTD Student Kit and IANTD Specific Course presentation must be completed by the student
2. All the water skills must be practiced until the student is proficient in each skill.
3. Must complete the academic sessions utilizing the IANTD Divemaster Manual
4. Must review the IANTD Standards and Procedures
5. Complete knowledge reviews
6. Pass the IANTD Divemaster exam with a minimum score of 80%.
7. Complete an Emergency Assistance Plan and Risk Analysis for a scenario to be assigned by the Instructor.
8. Students must be able to demonstrate all Open Water Diver, Advanced Open Water Diver and Rescue Diver practical skills in a manner showing the highest level of mastery and competence.

9. The IANTD Divemaster candidate must assist in at least:
  - a. One (1) complete Open Water Diver Program;
  - b. One (1) complete Advanced Open Water Diver Program;
  - c. One (1) complete Rescue Diver Program.
10. Students must be able to demonstrate competence in all scuba skills, and ability to cope with the most demanding operational factors of the region. Influencing factors may include the following:
  - a. Depth range exceeding 70 fsw (21 msw).
  - b. Underwater visibility.
  - c. Size and experience of the diving group supervised.
  - d. Equipment used.
  - e. Current.
  - f. Surface conditions.
  - g. Water temperature.

► *NOTE: Students must be able to demonstrate mastery of the techniques involved in planning and executing dives at the depth ranges typical for recreational scuba diving in the local environment no greater than 100 fsw (30 msw)*

## D. Equipment & Text Requirements

1. IANTD Divemaster Student Kit.
2. Fulfill all Equipment Requirements as specified in the program being supervised.
3. Equipments:
  - a. Cylinder:
    - I. Single cylinder OR
    - II. Sidemount Configuration
4. One (1) of the second-stage regulators on the primary gas supply must be attached with a hose that is at least five (5) feet (1.5 meter) long.
 

► *NOTE: Longer hoses are recommended.*

## E. Program Limits

1. Student to Instructor Ratio:
  - a. There may be no more than 4 students per Instructor.

► *NOTE: This ratio may be increased by two (2) students for each assisting IANTD Divemaster, up to a maximum of eight (8) students with two (2) IANTD Divemasters per class session.*
2. IANTD Divemasters may supervise, escort and assist in all IANTD Open Water Diver Programs but cannot conduct SCUBA training exercises unless under the direction of a qualified IANTD Open Water Instructor or higher
3. IANTD Divemasters are qualified to plan and execute emergency procedures appropriate for the diving activity and environment.
4. Upon completion of the program, Divemasters may conduct any specialized scuba diving activities for which they have received appropriate training.
 

► *NOTE: If diving in conditions significantly different from those previously experienced the Divemaster shall require an appropriate orientation.*
5. Divemasters may teach Snorkel Skin Diver.
6. No dives may be conducted to depths greater than 100 fsw (30 msw).
7. A minimum of 40 hours of training shall be conducted under direct supervision of an IANTD Instructor.
8. All appropriate safety or required decompression stops must be performed.

## F. Water Skills Development

1. To be allowed to teach the Free Diver Program must demonstrate ability to free dive to 50 fsw (15 msw) by actually doing a free dive.
2. Out of Air Scenario:
  - a. Swim in a simulated out of air situation (without breathing, and exhaling slowly) for a distance of at least 60 feet (18 meters)
  - b. Start gas sharing
  - c. While gas sharing, continue to swim for at least 10 minutes while maintaining a swim rate of approximately 50 feet (15 meters) per minute.
3. Demonstrate recognition of emergency situations.
4. Demonstrate basic underwater search skills.
5. Demonstrate a rescue of a diver from a depth no greater than 20 fsw (6 msw) to the surface, including:
  - a. Removal of equipment
  - b. Tow for a distance of approximately 100 feet (30 meters) while simulating rescue breaths and remove casualty from the water.
  - c. Manage emergency situation including coordination with emergency services.
6. Demonstrate proficiency in underwater navigation, using both instruments and natural navigation safely leading other divers.
7. Demonstrate proficiency of water skills taught in Open Water, Advanced Open Water Diver and Rescue Diver Programs.
8. Assist in water skills teaching as described in Program Content section.
9. Complete Watermanship Drills number 3 & 4 as found in the Advanced Nitrox Instructor Watermanship Evaluation. (32 points is minimal passing)
10. Dive planning, preparation and conduct. General group control and schedule application:
  - a. Site selection taking into account team members capabilities and environmental factors.
  - b. Emergency plan and equipment preparation.
  - c. Decompression calculation and relevant factors.
  - d. Descend and ascend aids.
  - e. Dive limits (general).
  - f. Use of buoys and flags.
  - g. Conduct a minimum of 5 (five) Dive Briefings/Debriefings.
  - h. Kitting up and pre-dive checks.
  - i. Entry and descend control.
  - j. Monitoring of dive plan and environmental conditions.
  - k. Awareness of diver's stress levels.
  - l. Identification of underwater hazards.
  - m. Appropriate reaction to problems and emergencies.
  - n. Ascend and exit control.
  - o. Debriefing and other post dive procedures.
  - p. Consideration of off gassing phase (avoid potential danger – altitude, physical activities, etc.)
  - q. Post dive care of equipment.
  - r. Proper documentation of the dive.

## G. Qualification Renewal

1. Assist in a minimum of two (2) IANTD Programs annually.
2. Log a minimum of 12 non-Divemastering dives annually.
3. Maintain current liability insurance and IANTD membership.

## Assistant Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Assistant Course Director or higher may teach this course.
- Open Water Sidemount Instructor Trainer or higher is required in order to certify an instructor on Sidemount Configuration

### A. Purpose

1. This Program is designed to train qualified IANTD Divemasters, to teach students in theoretical knowledge and confined water skills of the IANTD Open Water Diver Program, and conduct relevant assessment.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. Either IANTD Divemaster or Dive Supervisor or equivalent.
    - II. IANTD Deep Diver or equivalent
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
  - *NOTE: First Aid, CPR and Oxygen Administrator may be conducted in conjunction with the program but training hours do not count to the minimum required.*
  - *NOTE: If taking the program using Sidemount configuration, the candidate must also be qualified as IANTD Open Water Sidemount Diver*
2. Age requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 80 logged dives, of which at least 15 were Divemastering dives.
    - I. Dive experience must include dives in a variety of environments including but not limited to Night Dive/Limited Visibility, Navigation, Marine Ecology, Deep Dive or any other ADDITIONAL SPECIALIZED PROGRAM.
  - b. Must have assisted in at least:
    - I. One (1) complete Open Water Diver program;
    - II. One (1) complete Advanced Open Water Diver program;
    - III. One (1) complete Deep Diver program;
    - IV. One (1) complete Rescue Diver program

### C. Program Content

1. Direct the Assistant Instructor candidates in the methods and techniques of training and assessing IANTD Divers.
2. Complete review of the Standards and Procedures (S & P) by the IT
3. Presentation level proficiency in the practical skills, and the ability to teach and evaluate on them effectively, according to Course Director discretion must be demonstrated by all candidates.
4. All lecture topics in the IANTD Open Water Program IT Power Point slides must be studied by the candidates and discussed in class.
5. A selection of slides chosen by the Course Director shall be presented by the candidates, following the processes of lecture preparation, planning and delivery. A minimum of one (1) academic, one (1) confined water and one (1) open water presentation shall be successfully completed by the candidate.

- ▶ *NOTE: Proficiency level in lecturing skills according to Course Director discretion must be demonstrated by all candidates.*
- ▶ *NOTE: Candidates shall not be given information in advance, on the precise topic to be assessed.*
- 6. All candidates must demonstrate the ability to control and supervise a diving group in an effective manner, according to Course Director discretion.
  - ▶ *NOTE: Teaching experience must be acquired by assisting (in both theory and practice) in a series of actual or simulated training sessions under the direct supervision and assessment of the Course Director.*

## D. Equipment Requirements

1. IANTD Sport Diving Instructor Kit.
2. Equipment Requirements listed in the IANTD Diver Program the Assistant Instructor plans to assist are mandatory.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

## E. Program Limits

1. Student to Course Director Ratio:
  - a. There may be no more than 6 candidates per Course Director.
    - ▶ *NOTE: This ratio may be increased by two (2) candidates for each IANTD Assistant Course Director, up to a maximum of 10 candidates with two (2) IANTD Assistant Course Director per class session.*
2. The AIDP is staffed by at least one (1) Course Director plus any required Instructors at a minimum level of Open Water Instructor, depending on number of participants.
3. These individuals may teach and assess:
  - a. The theoretical part of all Open Water Diving Program courses;
  - b. The complete Snorkeling course;
  - c. These individuals may attend and be certified in specialized instructor programs that does not require in-water training as part of the program. After being certified, these individuals can conduct the corresponding specialized programs.
  - d. This individuals may also teach and assess:
    - I. All academic portion of Open Water Diving Programs under the indirect supervision of an Open Water Instructor or higher.
      - ▶ *The Open Water Instructor (or higher) shall personally assesses all knowledge of the corresponding program.*
    - II. All confined water skills of any level of Open Water Diving Program under the direct supervision and authorization of an IANTD Open Water Instructor (or higher).
    - III. If under direct supervision of the Open Water Instructor (or higher), these individuals can conduct the Open Water Diver course surface skill evaluations.
    - IV. If supervised and directly observed by an Open Water Instructor:
      - i. Gain progressive experience in teaching and evaluating in confined and open water.
4. No dives may be conducted to depths greater than 132 fsw (40 msw).
5. A minimum of 70 hours of training shall be conduct under direct supervision of an IANTD Instructor.
6. All appropriate safety stops must be performed.

## F. Water Skills Development

1. Complete Watermanship Evaluation
2. Confined water practical skills from the following programs must be explained and practiced:
  - a. IANTD Open Water program;
  - b. IANTD Advanced Open Water Diver program;
  - c. Deep Diver program;
  - d. Rescue Diver program.

3. Demonstrate an open water rescue of a diver from a depth no greater than 20 fsw (6 msw), including:
  - a. Recognition of emergency situations.
  - b. Controlled casualty recovery from depth.
  - c. Effective emergency surface actions.
  - d. Removal of equipment.
  - e. Surface tow for a distance of about 100 feet (30 meters) while simulating rescue breaths.
  - f. Casualty recovery from water.
  - g. Simulation of full application of emergency plan including coordination with local emergency services.
4. Deploy a DSMB or Lift Bag in less than 1½ minute.
5. Demonstrate proficiency in illustrating and teaching any IANTD Open Water Program confined water practical skills as per assignments given by ACD or Higher.
6. Demonstrate practical lesson planning, preparation and conduct for confined water skills. Procedure must include:
  - a. Preparation/Planning.
  - b. Briefing.
  - c. Skill demonstration.
  - d. Student practice and group supervision and control.
  - e. Problem recognition and solving.
  - f. Student evaluation.
  - g. Debriefing.

## G. Qualification Records

1. Upon successful completion of the course the Course Director shall request the AI certification by submitting the appropriate IANTD registration form and other required paperwork to IANTD Headquarters or to the IANTD Licensee Office responsible for the territory.

## H. Qualification Renewal

1. Assist in a minimum of two (2) IANTD Programs annually.
2. Log a minimum of 12 non-teaching and non-Divemastering dives annually.
3. Maintain current liability insurance and IANTD membership.

## I. After Certified

1. After certified, the Assistant Instructor will be able to assist in:
  - a. IANTD Open Water program;
  - b. IANTD Advanced Open Water Diver program;
  - c. IANTD Deep Diver program;
  - d. IANTD Rescue Diver program.
  - e. IANTD Divemaster program
  - ▶ ***These individuals may attend and be certified in specialized instructor programs that does not require in-water training as part of the program. After being certified, these individuals can conduct the corresponding specialized programs***
  - ▶ ***NOTE: If diving in conditions significantly different from those previously experienced the Assistant Instructor shall require an appropriate orientation.***

## J. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.



## Open Water and Open Water EANx Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Course Director or Higher may teach this course.
- Open Water Sidemount Instructor Trainer or higher is required in order to certify a instructor on Sidemount Configuration

### A. Purpose

1. This Program is designed to train qualified IANTD Divemasters or IANTD Assistant Instructors as IANTD Open Water or Open Water EANx Instructors.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Divemaster or higher or equivalent.
    - II. IANTD Deep Diver or equivalent
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
  - *NOTE: First Aid, CPR and Oxygen Administrator may be conducted in conjunction with the program but training hours do not count to the minimum required.*
  - *NOTE: Must be qualified as an EANx Diver with proof of a minimum of 10 dives on EANx to be able to teach EANx as an Open Water instructor.*
  - *NOTE: As long as ALL the other prerequisites are met, the Divemaster, Dive Supervisor or Assistant Instructor program can be conducted in conjunction with the IDP and 40 hours can be counted towards the IDP minimum hours.*
    - *The Divemaster, Dive Supervisor or Assistant Instructor certification shall be issued before attending the IDE.*
  - *NOTE: If taking the program using Sidemount configuration, the candidate must also be qualified as IANTD Open Water Sidemount Diver*
2. Age requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 100 logged dives, of which at least 15 were Deep Diver dives between 90 fsw (27 msw) and 132 fsw (40 msw) and at least 6 months of diving experience.
    - I. Dive experience must include dives in a variety of environments including but not limited to Night Dive/Limited Visibility, Navigation, Marine Ecology, Deep Dive or any other ADDITIONAL SPECIALIZED PROGRAM.

### C. Program Content

1. Direct the Instructor candidate in the methods and techniques of training IANTD Divers.
2. Teaching experience must be acquired by assisting (in both theory and practice) in a series of actual or simulated training sessions under the direct supervision and assessment of the Course Director.
3. Complete review of the Standards and Procedures (S & P) by the Course Director
4. Complete written exam on all topic areas able to teach, S & P's as well as risk mitigation
5. Confined Water and Open Water practical skills of the IANTD Open Water Program are to be explained and practiced.
6. Presentation level proficiency in the practical skills, and the ability to teach and evaluate on them effectively, according to Course Director discretion must be demonstrated by all candidates.
  - *NOTE: Candidates shall not be given information in advance, on the precise skill to be assessed.*

7. All lecture topics in the following IANTD Diver Program slides must be studied by the candidates and discussed in class:
  - a. IANTD Open Water Diver
  - b. IANTD Advanced Open Water Diver
  - c. IANTD Deep Diver
  - d. IANTD Rescue Diver
  - e. IANTD Divemaster
8. A selection of IANTD slides chosen by the Course Director shall be presented by the candidates, following the processes of lecture preparation, planning and delivery.
  - ▶ *NOTE: Proficiency level in lecturing skills according to Course Director discretion must be demonstrated by all candidates.*
  - ▶ *NOTE: Candidates shall not be given information in advance, on the precise topic to be assessed.*
9. All lectures completed with IANTD Course specific Slides pertaining to the theory in the IANTD Instructor Trainer Slides.
10. All candidates must demonstrate the ability to control and supervise a diving group in an effective manner, according to Course Director discretion.
  - ▶ *NOTE: Candidates eligible to teach EANx as a specialty must demonstrate ability to demonstrate ability to do so.*
11. The IANTD IDP shall be conducted by an IANTD Course Director
  - a. In order to complete the IDP, the Instructor candidate shall complete the following:
    - I. Present and be approved on:
      - i. Two (2) Academic Presentation
      - ii. Two (2) Confined Water Presentation
      - iii. Two (2) Open Water Presentation
      - iv. Proficiency on Rescue Skills.
  - b. In order to complete the IDP, the Instructor candidate shall complete an IDE
12. The IANTD IDE shall be a final evaluation conducted by an IANTD Instructor Trainer who is a different IT than the one who conducted the IDP, if the IDP was conducted by an IT.
  - a. Final Instructor Exam
    - I. Complete written exam on all topic areas able to teach and Risk Mitigation
    - II. Final Instructor Standards & Procedures Exam
  - b. Present and be approved on:
    - I. One (1) Academic Presentation
    - II. One (1) Confined Water Presentation
    - III. One (1) Open Water Presentation
    - IV. Proficiency on Rescue Skills.

## D. Equipment Requirements

1. IANTD Sport Diving Instructor Kit.
2. Equipment Requirements listed in the IANTD Diver Program the Instructor plans to teach are mandatory.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.

## E. Program Limits

1. Student to Course Director Ratio:
  - a. There may be no more than 6 candidates per Course Director.
    - ▶ *NOTE: This ratio may be increased by two (2) candidates for each Assisting Course Director IANTD, up to a maximum of 10 candidates with two (2) IANTD Assistant Course Director per class session.*
2. No dives may be conducted to depths greater than 132 fsw (40 msw).

3. A minimum of 100 hours of training shall be conducted under direct supervision of an IANTD Course Director.
  - ▶ *NOTE: At the Course Director's discretion up to 40 (forty) hours of training from the Divemaster, Dive Supervisor or Assistant Instructor program may be credited towards the minimum hours required.*
4. All appropriate safety stops must be performed.

## F. Qualification Renewal

1. Teach a minimum of two (2) IANTD Open Water Diver Programs annually, or co-teach three (3) IANTD Open Water Diver Programs.
2. Fulfill all Qualification Renewal requirements stated under IANTD Sport Diving Instructor Programs.

## G. Water Skills Development

- ▶ *NOTE: Candidates shall demonstrate to the Course Director responsible judgment on site criteria including weather, depth, visibility, water movement and level of supervision required.*
1. Complete Watermanship Evaluation
  2. Confined water practical skills from the following programs must be explained and practiced:
    - a. IANTD Open Water program;
    - b. IANTD Advanced Open Water Diver program;
    - c. Deep Diver program;
    - d. Rescue Diver program.
  3. Stress Management Drill:
    - a. Remove SCUBA gear and make an ESA,
    - b. At the surface, swim 30 feet (9 meters) from the point of ditching SCUBA.
    - c. After taking three (3) breaths surface dive swim to and don SCUBA gear
    - d. Manual (either simulated or actual) gas share for a distance of at least 300 feet (90 meters) while maintaining a minimum swim pace of 75 feet (23 meters) per minute.
  4. Surface Swim Scenario:
    - a. Swim on back with full SCUBA gear on for a distance of at least 300 feet (90 meters),
    - b. Then remove SCUBA gear and use it as a front mounted platform
    - c. Then swim an additional 300 feet (90 meters).
  5. Perform valve shutdowns and regulator switches simulating equipment failure in less than one (1) minute.
  6. Deploy a DSMB or Lift Bag in less than 1½ minute.
  7. Demonstrate an open water rescue of a diver from a depth no greater than 20 fsw (6 msw), including:
    - a. Recognition of emergency situations.
    - b. Controlled casualty recovery from depth.
    - c. Effective emergency surface actions.
    - d. Removal of equipment.
    - e. Surface tow for a distance of about 100 feet (30 meters) while simulating rescue breaths.
    - f. Casualty recovery from water.
    - g. Simulation of full application of emergency plan including coordination with local emergency services.
  8. Demonstrate practical lesson planning, preparation and conduct for both confined and open water skills. Procedure must include the following:
    - ▶ *NOTE: The Confined Water Skills shall be selected from the appropriate Instructor level.*
    - a. Preparation.
    - b. Planning.
    - c. Briefing.
    - d. Skill demonstration.
    - e. Student practice and group supervision and control.

- f. Problem recognition and solving.
  - g. Student evaluation.
  - h. Debriefing.
9. Demonstrate proficiency in illustrating and teaching any IANTD Open Water Program practical skills (confined water and open water) as per assignments given by Course Director.
  10. Candidates shall be exposed to simulated:
    - a. In-water emergencies,
    - b. Group dynamics,
    - c. Behavioral problems
    - d. Typical learning difficulties.
  11. Complete all skills as required for Instructor status.
  12. Complete OW teaching skills for Deep Diver Program on at least one (1) dive, and demonstrate other OW teaching skills on a second dive per assignment given by Course Director.

## H. After Certified

1. After certified, the Open Water Instructor will be able to teach the following IANTD programs:
  - a. IANTD Open Water program;
  - b. IANTD Advanced Open Water Diver program;
  - c. IANTD Deep Diver program;
  - d. IANTD Rescue Diver program.
    - *NOTE: If the IANTD Instructor is not an IANTD Instructor for IANTD CPR, IANTD Diving First Aid and IANTD Oxygen Administrator, the diver must be already certified for this levels by another IANTD Instructor or have equivalent qualifications with this levels.*
  - e. IANTD Divemaster program
    - ***NOTE: If diving in conditions significantly different from those previously experienced the Assistant Instructor shall require an appropriate orientation.***

## I. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## **Automatic External Defibrillator (AED) Instructor**

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### **Who may teach this course?**

- IANTD Course Director or IANTD Automatic External Defibrillator (AED) Instructor Trainer

### **Who may take this course?**

- Any individual. Need not be a diver.

## **A. Purpose**

1. This Program is designed to teach people how to utilize an AED.

## **B. Prerequisites**

1. Age requirement:
  - a. Must be a minimum of 18 years of age
  - NOTE: There is no other prerequisite requirement

## **C. Program Content**

1. All lectures completed with IANTD Course specific Slides pertaining to the theory in the IANTD Rescue Diver Manual (Specific section that applies to specific course).
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of AEDs.

## **D. Text Requirements**

1. IANTD Rescue Diver Manual and Diver First Aid Student Kit.

## **E. Equipment**

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## **F. Program Limits**

1. No diving activities may exceed the qualifications of the student.

## **G. Water Skills Development**

1. There are no specific water skills required for this program

## Cardio Pulmonary Resuscitation (CPR) Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- IANTD Course Director or IANTD CPR Instructor Trainer

### Who may take this course?

- Any individual. Need not be a diver.

### A. Purpose

1. This Program is designed to teach people how to perform CPR on people who are old enough to dive for dive accident management.

### B. Prerequisites

1. Age requirement:
  - a. Must be a minimum of 18 years of age
  - NOTE: There is no other prerequisite requirement

### C. Program Content

1. All lectures completed with IANTD Course specific Slides pertaining to the theory in the IANTD Rescue Diver Student Kit pertaining to CPR.
2. Complete the written exam with a minimum score of 80%.

### D. Text Requirements

1. IANTD Rescue Diver Manual and Diver First Aid Student Kit.

### E. Equipment

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

### F. Program Limits

1. No diving activities may exceed the qualifications of the student.
2. Every two years a Refresh on Protocols is mandatory.
  - NOTE: Except professional such as a physician, Emergency Medical Technician, Paramedic or Registered Nurse.

### G. Water Skills Development

1. There are no specific water skills required for this program



## Diver First Aid Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- IANTD Course Director or IANTD Diver First Aid Instructor Trainer

### Who may take this course?

- Any individual. Need not be a diver.

## A. Purpose

1. This Program is designed to teach divers how to manage diving accidents and other injuries that may occur at a dive site.

## B. Prerequisites

1. Age requirement:
  - a. Must be a minimum of 18 years of age
  - NOTE: There is no other prerequisite requirement

## C. Program Content

1. All lectures completed with IANTD Course specific Slides pertaining to the theory in the IANTD Rescue Diver Manual (Specific section that applies to specific course).
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of diver first

## D. Text Requirements

1. IANTD Rescue Diver Manual and Diver First Aid Student Kit.

## E. Equipment

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

## F. Program Limits

1. No diving activities may exceed the qualifications of the student.
2. Every two years a Refresh on Protocols is mandatory.
  - NOTE: Except professional such as a physician, Emergency Medical Technician, Paramedic or Registered Nurse.

## G. Water Skills Development

1. There are no specific water skills required for this program

## Oxygen Administrator Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- IANTD Course Director or ANTD Oxygen Administrator Instructor Trainer

### Who may take this course?

- Any individual. Need not be a diver.

### A. Purpose

1. This Program is designed to teach people how to utilize and administer oxygen for dive accident management.

### B. Prerequisites

1. Age requirement:
  - a. Must be a minimum of 18 years of age
  - NOTE: There is no other prerequisite requirement

### C. Program Content

1. All lectures completed with IANTD Course specific Slides pertaining to the theory in the IANTD Rescue Diver Manual (Specific section that applies to specific course).
2. Complete the written exam with a minimum score of 80%.
3. Demonstrate an understanding of the principles of Oxygen Administration

### D. Text Requirements

1. IANTD Rescue Diver Manual and Diver First Aid Student Kit.

### E. Equipment

1. Same as IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS

### F. Program Limits

1. No diving activities may exceed the qualifications of the student.

### G. Water Skills Development

1. There are no specific water skills required for this program

## Elite Scuba Diver Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### How to apply?

1. Send an IANTD Elite Scuba Diver Instructor application to IANTD HQ or IANTD Lincesees.

### A. Purpose

1. Recognize an IANTD supporter and outstanding professional who dedicated himself to keep learning and evolving in his professional career.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Open Water EANx Instructor or higher.
    - II. IANTD Recreational Essential Instructor;
    - III. IANTD Elite Scuba Diver
2. Age requirement:
  - a. Must be a minimum of 18 years of age.
3. Dive Experience:
  - a. Must have completed 200 logged dives.
  - b. Must proof a minimum of 15 IANTD Sport Diver certifications issued.
    - *NOTE: Must include at least 2 IANTD Adv. Open Water Divers, 2 IANTD Deep Diver and 2 IANTD Rescue Divers.*
  - c. Must proof a minimum of 10 IANTD ADDITIONAL SPECIALIZED certifications issued.
    - *NOTE: IANTD Specialized certifications other than Diver First Aid, CPR, Oxygen Administrator or AED.*

## Kirby Morgan M-48 MOD-1 Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Kirby-Morgan M-48 MOD-1 Instructor Trainer may teach this course with the open circuit POD.
- OW Sidemount IT or higher is required in order to certify a diver on Sidemount Configuration.

### A. Purpose

1. This Program is designed to train qualified instructors in the necessary procedures, knowledge and skills to safely dive with a full face mask and the Kirby-Morgan M-48 Mod 1 Mask.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Instructor or higher or equivalent
    - II. IANTD Kirby-Morgan M-48 MOD-1 Diver
      - NOTE: OW Sidemount Instructor is required to take this program on sidemount configuration.
2. Age Requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Proof of a minimum of 150 logged dives which at least 50 were using the Kirby-Morgan M-48 MOD-1 Dives

### C. Program Content

1. The Candidate must demonstrate proficiency in the use of IANTD Academic tools such as: standards, slides and/or student workbook (if available), demonstrate and grade confined water skills, evaluate, remediate and grade open water skills.
2. Course must include the evaluation of the candidate presentation of no less than 2 confined water skills and four (4) openwater skills.
3. The Candidate must pass a written theory exam with a minimum score of 80%.
4. Course to be completed in no less than 2 dives.
5. The specialty must have stress management as part of the curriculum.

### D. Equipment & Text Requirements

1. All Equipment Requirements listed in the IANTD Diver Program are mandatory.
2. IANTD Diver Student Kit
3. Manufacture user manual and other teaching materials as available

### E. Program Limits

1. Same as for the IANTD Kirby-Morgan M-48 Mod 1 Diver Program.

### F. Qualification Renewal

1. Must complete requirements for Open water Instructor renewal plus teach at least one (1) Diver program.

### G. Water Skills Development

1. Demonstrate all the skills in IANTD Diver Program at Instructor level demonstration quality
2. Demonstrate a Rescue of a diver from a depth of no deeper than 20 ft to the surface; establish positive buoyancy; and tow the diver a distance of a min of 100 ft to assistance while maintaining an open airway.

### H. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## **Ocean Reef Full Face Mask Instructor**

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### **Who may teach this course?**

- Ocean Reef Full Face Instructor Trainer may teach this course.
- OW Sidemount IT or higher is required in order to certify a diver on Sidemount Configuration.

### **A. Purpose**

1. This Program is designed to train qualified instructors in the necessary procedures, knowledge and skills to safely dive with a full face mask and the Ocean Reef Full Face Mask.

### **B. Prerequisites**

1. Certification Requirements:
  - a. Must be qualified as:
    - I. IANTD Open Water Instructor or higher or equivalent
    - II. IANTD Full Face Ocean Reef Mask Diver
  - NOTE: OW Sidemount Instructor is required to take this program on sidemount configuration.
2. Age Requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Proof of a minimum of 150 logged dives which at least 50 were using the Ocean Reef Full Face mask.

### **C. Program Content**

1. The Candidate must demonstrate proficiency in the use of IANTD Academic tools such as: standards, slides and/or student workbook (if available), demonstrate and grade confined water skills, evaluate, remediate and grade open water skills.
2. Course must include the evaluation of the candidate presentation of no less than 2 confined water skills and four (4) openwater skills.
3. The Candidate must pass a written theory exam with a minimum score of 80%.
4. Course to be completed in no less than 2 dives.
5. The specialty must have stress management as part of the curriculum.

### **D. Equipment & Text Requirements**

1. All Equipment Requirements listed in the IANTD Diver Program are mandatory.
2. IANTD Diver Student Kit
3. Manufacture user manual and other teaching materials as available

### **E. Program Limits**

1. Same as for the IANTD Full Face Ocean Reef Mask Diver Program.

### **F. Qualification Renewal**

1. Must complete requirements for Open water Instructor renewal plus teach at least one (1) Diver program.

### **G. Water Skills Development**

1. Demonstrate all the skills in IANTD Diver Program at Instructor level demonstration quality
2. Demonstrate a Rescue of a diver from a depth of no deeper than 20 ft to the surface; establish positive buoyancy; and tow the diver a distance of a min of 100 ft to assistance while maintaining an open airway.

### **H. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## Open Water DPV Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Open Water DPV Instructor Trainer or Advanced Cave DPV Instructor Trainer may teach this course.
- Open Water Sidemount Instructor Trainer or higher is required in order to certify an instructor on Sidemount Configuration

### A. Purpose

1. This Program is designed to develop qualified IANTD OW DPV Instructors.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an IANTD Open Water Diver Instructor or higher or equivalent
  - b. Must be qualified as an IANTD DPV Diver or equivalent
    - *NOTE: If taking the program using Sidemount configuration, the candidate must also be qualified as IANTD Open Water Sidemount Diver*
2. Age Requirement:
  - a. Must be a minimum of 18 years of age.
3. Dive Experience
  - a. Must provide proof of a minimum of 150 logged dives, including at least 40 dives using DPVs.

### C. Program Content

1. Complete an IDP or IEC.

### D. Equipment Requirements

1. Must own or have unlimited access to a DPV suitable for the dives being conducted.
2. All Equipment requirements as listed in the IANTD Sport Diver programs.

### E. Program Limits

1. Student to Instructor Trainer Ratio:
  - a. There may be no more than two (2) candidates per Instructor Trainer.
2. No dives may be conducted to depths greater than the qualification level of the instructor or student in the course.
3. All appropriate safety must be performed.
  - *NOTE: Bottom times and any mandatory decompression requirements must be within the candidates' current level of training.*
  - *NOTE: Limits from the Open Water DPV diver also apply to the Open Water DPV Instructor program*
4. Complete 100 minutes of bottom time using a DPV for evaluation.

### F. Qualification Renewal

1. Teach a minimum of three (3) IANTD Diver Programs annually which (2) two must be OPW DPV Program and 1 must be the highest level.

### G. Water Skills Development

1. Demonstrate all skills in IANTD Open Water DPV Diver program to demonstration quality

### H. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.



## Open Water Nomad Sidemount Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

► A Nomad Open Water Sidemount Instructor Trainer while diving a Nomad System WITHOUT modifications on the bungee rigging system

### A. Purpose

1. This Program is designed to develop qualified IANTD Open Water Nomad Sidemount Instructors.
2. Familiarize the instructors with at least one of the Dive Rite Nomad Family.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an IANTD Open Water Instructor or higher
    - *NOTE: If not an IANTD Open Water Instructor, it must also be qualified as Deep Diver Specialty Instructor*
    - *NOTE: The Open Water or Open Water EANx Instructor can be taught in conjunction with the Open Water Sidemount Instructor Program as long as the candidate follow the Open Water Instructor Program requirements.*
  - b. Must be qualified as an Open Water Nomad Sidemount Diver.
    - *NOTE: The Open Water Sidemount Diver program, can not be taught in conjunction with the Open Water Instructor program.*
2. Age Requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 110 logged dives, including at least 30 dives using Sidemounted configurations and at least 20 using a Nomad Sidemount System.

### C. Program Content

1. Same as for the IANTD OW Nomad Specialty Diver Program
2. Complete 100 minutes of bottom time using a Nomad Sidemount configuration, for evaluation by a qualified IANTD Open Water Nomad Sidemount Instructor Trainer
3. Complete an IDP or IEC.
4. Students must pass the specific IANTD Open Water Sidemount test with a minimum score of 80%.

### D. Equipment Requirements

1. Must own at least one Dive Rite Nomad System, WITHOUT modifications on the rigging system.
2. All Equipment requirements as listed in the IANTD Sport Diver programs.
3. All Equipments requirements as listed in the IANTD Open Water Nomad Sidemount Diver programs.

### E. Program Limits

1. Same as for the IANTD Open Water Nomad Specialty Diver Program.

### F. Water Skills Development

1. Demonstrate all skills in IANTD Open Water Nomad Sidemount Diver program to demonstration quality.

### G. Renew Requirements

1. Must taught at least 3 Nomad Specialist Diver program per year

### H. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## Open Water Sidemount Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- An Open Water Sidemount Instructor Trainer or higher may teach this course.

### A. Purpose

1. This Program is designed to develop qualified IANTD OW Sidemount Instructors.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an IANTD Open Water Instructor or higher
    - *NOTE: If not an IANTD Open Water Instructor, it must also be qualified as Deep Diver Specialty Instructor*
    - *NOTE: The Open Water or Open Water EANx Instructor can be taught in conjunction with the Open Water Sidemount Instructor Program as long as the candidate follow the Open Water Instructor Program requirements.*
  - b. Must be qualified as an Open Water Sidemount Diver.
    - *NOTE: The Open Water Sidemount Diver program, can not be taught in conjunction with the Open Water Instructor program.*
2. Age Requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 110 logged dives, including at least 30 dives using Sidemounted configurations.

### C. Program Content

1. Complete 100 minutes of bottom time using a Sidemount configuration, for evaluation by a qualified IANTD Open Water Sidemount Instructor Trainer
2. Complete an IDP or IEC.

### D. Equipment Requirements

1. Must own suitable Sidemount configuration.
2. All Equipment requirements as listed in the IANTD Sport Diver programs.

### E. Program Limits

1. There may be no more than four (4) Sidemount Instructor Candidates per Instructor Trainer.
2. No dives may be conducted deeper than 132 fsw (40 msw).
3. Bottom times and any mandatory decompression requirements must be within the candidates current level of training.
4. Same as for the IANTD Open Water Sidemount Diver Program.

### F. Qualification Renewal

1. Teach a minimum of three (3) IANTD Diver Programs annually which (2) two must be OPW Sidemount Program and 1 must be the highest level.

### G. Water Skills Development

1. Demonstrate all skills in IANTD OWSidemount Diver program to demonstration quality

### H. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## Open Water Toddy-Style Sidemount Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

► An OW TS Sidemount Instructor Trainer while diving a TS Sidemount WITHOUT modifications

### A. Purpose

1. This Program is designed to develop qualified IANTD OW TS Sidemount Instructors.
2. Familiarize the instructors on how to teach the IANTD OW TS Sidemount *Specialty* Divers.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an IANTD Open Water Instructor or higher
    - *NOTE: If not an IANTD Open Water Instructor, it must also be qualified as Deep Diver Specialty Instructor*
    - *NOTE: The Open Water or Open Water EANx Instructor can be taught in conjunction with the Open Water TS Sidemount Instructor Program as long as the candidate follow the Open Water Instructor Program requirements.*
  - b. Must be qualified as an Open Water Toddy-Style Sidemount Specialty Diver.
    - *NOTE: The Open Water Toddy-Style Sidemount Specialty Diver program, can not be taught in conjunction with the Open Water Instructor program.*
2. Age Requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 110 logged dives, including at least 30 dives using Sidemounted configurations and at least 20 using a Toddy-Style Sidemount System.

### C. Program Content

1. Same as for the IANTD OW Toddy-Style Sidemount Specialty Diver Program
2. Complete 100 minutes of bottom time using a Toddy-Style Sidemount configuration, for evaluation by a qualified IANTD Open Water Toddy-Style Sidemount Instructor Trainer
3. Complete an IDP or IEC.
4. Students must pass the specific IANTD Open Water Sidemount test with a minimum score of 80%.

### D. Equipment Requirements

1. Must own a Toddy-Style Sidemount System, WITHOUT modifications.
2. All Equipment requirements as listed in the IANTD Sport Diver programs.
3. All Equipments requirements as listed in the IANTD OW Toddy-Style Sidemount Specialty Diver program.

### E. Program Limits

1. Same as for the IANTD Open Water Toddy-Style Sidemount Specialty Diver Program.

### F. Water Skills Development

1. Demonstrate all skills in IANTD OW Toddy-Style Sidemount Specialty Diver Program to demonstration quality.

### G. Renew Requirements

1. Must taught at least 3 IANTD Toddy-Style Sidemount Specialty Diver Program per year

### H. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## Recreational Trimix Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Open Water Instructor Trainer or Higher who is also a Recreational Trimix Instructor may teach this course.
- Open Water Sidemount Instructor Trainer or higher is required in order to certify a instructor on Sidemount Configuration

### A. Purpose

1. This Program is designed to train qualified IANTD Open Water EANx Instructors as IANTD Recreational Trimix Instructors.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Open Water EANx Instructor or higher or equivalent.
    - II. IANTD Recreational Trimix Diver or equivalent
  - *NOTE: If taking the program using Sidemount configuration, the candidate must also be qualified as IANTD Open Water Sidemount Instructor*
2. Age requirement:
  - a. Must be a minimum of 18 years of age
3. Dive Experience:
  - a. Must provide proof of a minimum of 20 dives between EANx and Recreational Trimix.
    - *NOTE: If the program is combined with the Open Water EANx Instructor, must provide proof of a minimum of 100 logged dives, of which at least 15 were Deep Diver and 20 were a mix of EANx and Recreational Trimix mixtures dives between 90 fsw (27 msw) and 132 fsw (40 msw) and at least 6 months of diving experience.*
    - *NOTE: Dive experience must include dives in a variety of environments including but not limited to Night Dive/Limited Visibility, Navigation, Marine Ecology, Deep Dive or any other ADDITIONAL SPECIALIZED PROGRAM.*

### C. Program Content

- *NOTE: The IANTD Recreational Trimix Instructor qualification may be taught as a single program or combined with an Open Water EANx Instructor*
1. Use of the Course Specific Presentation.
  2. This program must include:
    - a. Academic Classes.
    - b. Land Drill:
      - I. Analyze at least 2 different Recreational Trimix mixes.
        - i. Each of the 2 mixes shall have a final oxygen (O<sub>2</sub>) content within  $\pm 1\%$  of the target amount
        - ii. Each of the 2 mixes shall have a final helium (He) content within  $\pm 3\%$  of the target amount
    - c. Confined water session(s);
      - Only if the program is combined with Open Water EANx Instructor program.
    - d. Open Water Dives;
      - Only if the program is combined with Open Water EANx Instructor program
  3. Students must pass the specific IANTD Recreational Trimix Instructor test with a minimum score of 80%.
  4. Program covers all Recreational Trimix gas mixes from 28% to a maximum of 40% oxygen, and Helium concentrations yielding an END no greater than 100 fsw (30 msw) emphasizing the use of 32/15.

## D. Equipment Requirements

1. IANTD Recreational Trimix Diver Student Kit.
2. Must own or have unlimited access to a Helium Analyzer
  - *NOTE: Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.*

## E. Program Limits

1. Same as Open Water EANx Instructor program, if the program is combined with Open Water EANx Instructor.
2. No dives may be conducted with an END greater than 80 fsw (24 msw).
3. Appropriate safety decompression stops must be performed.
4. Safety stops will be at 30 fsw (9 msw) - 20 fsw (6 msw) and 15 fsw (4.5 msw) each stop will be a minimum of 1 minute.

## F. Water Skills Development

1. Same as Open Water EANx Instructor program, if the program is combined with Open Water EANx Instructor.

## G. Qualification Renewal

1. Teach a minimum of two (2) IANTD Recreational Trimix Diver Programs annually, or co-teach three (3) IANTD Recreational Trimix Diver Programs.
2. Fulfill all Qualification Renewal requirements stated under IANTD Sport Diving Instructor Programs.

## H. After Certified

1. After certified, the Open Water Instructor will be able to teach the following IANTD programs:
  - a. IANTD Open Water program;
  - b. IANTD Advanced Open Water Diver program;
  - c. IANTD Deep Diver program;
  - d. IANTD Rescue Diver program;
    - *NOTE: If the IANTD Instructor is not an IANTD Instructor for IANTD CPR, IANTD Diving First Aid and IANTD Oxygen Administrator, the diver must be already certified for this levels by another IANTD Instructor or have equivalent qualifications with this levels.*
  - e. IANTD Divemaster program;
  - f. IANTD EANx Diver program;
  - g. IANTD Recreational Trimix Diver program
    - *NOTE: If diving in conditions significantly different from those previously experienced the Assistant Instructor shall require an appropriate orientation.*

## I. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 136.

## Specialty Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

- Instructor Trainer certified in the individual specialty by IANTD HQ may teach this course.
- Open Water Sidemount Instructor Trainer or higher is required in order to certify an instructor on Sidemount Configuration

### A. Purpose

1. These Programs have been designed to enable IANTD instructors to train qualified divers with specialty training in areas such as Underwater Modeling, Salvage Diver, Beach Diver, Hyperbaric Chamber Operations, Surface Supplied Diver, METS/HUET or other specialty distinctive specialty approved by IANTD World HQ.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be a qualified OW instructor or higher
  - b. Must be qualified as a diver on the specific specialty.
    - *NOTE: If taking the program using Sidemount configuration, the candidate must also be qualified as IANTD Open Water Sidemount Diver*
2. Age Requirement:
  - a. Must be a minimum of 18 years of age.
3. Dive Experience:
  - a. Must have taught a minimum of 6 IANTD or equivalent diver programs within the qualification level of the instructor.
  - *NOTE: Other Prerequisites may apply as per the Program outline approved in writing by the BOD.*

### C. Program Content

1. As per the Program outline that must be approved in writing by the BOD.
2. Upon approval the instructor will be granted a Specialty Instructor rating designating the particular specialty they are eligible to teach. All Programs must include the appropriate training dives with a minimum of 4 dives unless other wise waived by the BOD.
3. The Instructor must abide by Specialty standards that have been previously approved by IAND, Inc. dba IANTD and will be sent to the applying Instructor.
  - *NOTE: If a new Specialty is being applied for, the Instructor shall submit in writing for the approval of the BOD a course outline in the form of a Standard as well as additional information as required.*
  - *NOTE: Each specialty standard will remain on file at IANTD HQ and will not become a part of the published Standards.*

### D. Equipment Requirements

1. Equipment used during this Program must be appropriate for the environment and in good working order.
2. Additional equipment may be required, as per the Program outline approved in writing by the BOD or designated Licensee Region's representative.



### **E. Program Limits**

1. No dives may be conducted to depths greater than the qualification level of the instructor or student in the course.
2. Additional limits may apply, as per the Program outline approved in writing by IAND, Inc. dba IANTD World Headquarters, or designated Licensee Region's representative.

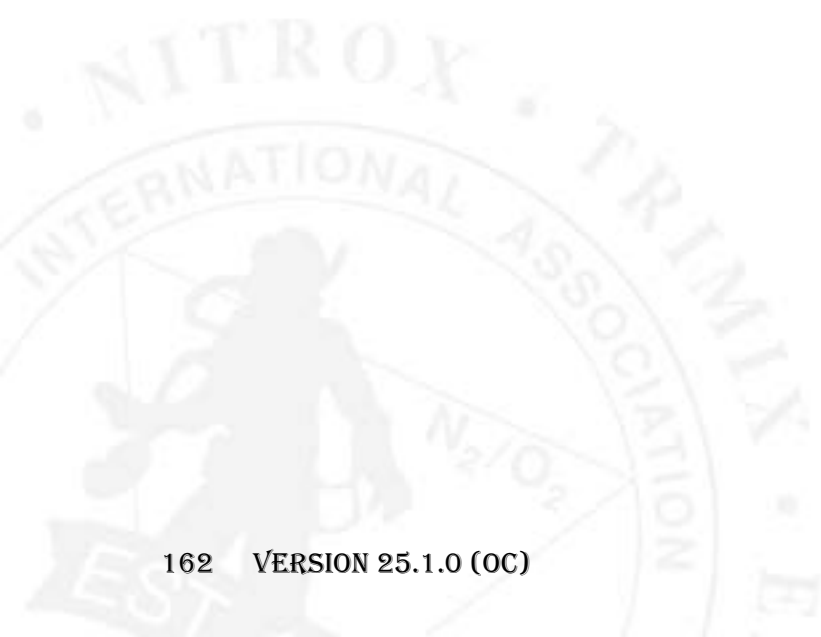
► *NOTE: Limits from the Specialty Diver program also apply to the Specialty Instructor program*

### **F. Water Skills Development**

1. A confined water session must be completed before conducting any OW dives.
2. As per the Program Outline approved in writing by the IANTD BOD.

### **G. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 136.



## Underwater Theatrical Performer Instructor

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

1. Underwater Theatrical Performer Instructor Trainer may teach this course.

### A. Purpose

1. This program is designed to train qualified IANTD instructors to the knowledge, understanding and demonstration skills required for the Underwater Theatrical Performer course.

### B. Prerequisites

1. Must be qualified as an IANTD Open Water Instructor in active teaching status.

### C. Program Content

1. A 2 day program directing the Instructor Candidate in the specific methods and techniques of training IANTD Underwater Theatrical Performers for Instructors having prior experience working with performers or talent.
2. A 3 day program directing the Instructor Candidate in the specific methods and techniques of training IANTD Underwater Theatrical Performers for Instructors having no prior experience working with performers or talent.

### D. Equipment

1. All Equipment Requirements listed in the IANTD Underwater Theatrical Performer Program are mandatory.
2. IANTD Underwater Theatrical Performer Student Kit.
3. Instructor first stage must be equipped with a minimum of one (1) primary second stage and two (2) alternate air sources (one must be on each side to support two (2) students at the same time).
4. For Module 2, handrails or pull ropes and air stations are required.

### E. Program Limits

1. Instructor to Student ratios
  - a. Module One water skills maximum instructor to student ratio is 1:4.
  - b. Module Two water skills maximum instructor to student ratio is 1:4 with a minimum of two (2) instructors from skill teaching to in-water evaluation.

### F. Qualification Renewal

1. Teach a minimum of two (2) IANTD Underwater Theatrical Performer courses yearly.

## Assistant Course Director

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

1. An IANTD Course Director or Higher.

### A. Purpose

1. Just as scuba divers look up to Divemasters, Assistant Instructors and Instructor candidates look to ACD's for assistance during their development in IANTD Leadership Programs. As the name implies, IANTD ACD's conduct Assistant Instructor programs, assist with instructor training and share their experience with future IANTD Instructors. Taking the ACD course provides you with in-depth knowledge of the instructor development process and also a way to advance your diving career.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Elite SCUBA Diver Instructor
    - II. IANTD CPR Instructor or equivalent
    - III. IANTD First Aid Instructor or equivalent
    - IV. IANTD Oxygen Administrator Instructor or equivalent
2. Age requirement:
  - a. Must be a minimum of 18 years of age.
3. Dive Experience:
  - a. Must have completed 150 logged dives.
  - b. Must proof a minimum of 50 IANTD Diver certifications.

### C. Program Content

1. The program must include Academic Classes, Confined Water Sessions and Open Water Sessions teaching the Assistant Course Director to be able to:
  - a. Conduct a Assistant Instructor Program, independently;
  - b. Conduct the following areas of the IDP, under indirect supervision of the Course Director;
  - c. Evaluate the Open Water EANx Instructor candidate, academic, confined water and open water presentations under direct supervision of the Course Director.
    - Indirect supervision during Instructor evaluations are only allowed to Academic and Pool presentations.
2. Demonstrate proficiency in assisting the training Open Water EANx Instructors.
  - a. Demonstrate lectures and theory for IANTD Open Water, IANTD Advanced Open Water Diver, IANTD EANx Diver, IANTD Deep Diver, IANTD Rescue Diver, Divemaster Programs and other programs as appropriate for the rating of Assistant Course Director.
3. Teaching experience must be acquired by assisting (in both theory and practice) in a series of actual training sessions under the direct supervision and assessment of the Course Director.
4. Complete review of the Standards and Procedures (S & P).
5. Confined Water and Open Water practical skills of the IANTD Open Water Program are to be demonstrated.
6. Demonstration of instructor quality presentations with instructor level proficiency in all practical skills, and the ability to teach and evaluate instructor candidates effectively.
  - *NOTE: Candidates shall not be given information in advance, on the precise skill to be assessed.*
7. All lecture topics in the IANTD IDP Program slides must be studied by the candidates and discussed in class.

8. A selection of IANTD slides chosen by the Course Director shall be presented by the candidates, following the processes of lecture preparation, planning and delivery.
  - *NOTE: Proficiency level in lecturing skills according to Course Director discretion must be demonstrated by all candidates.*
  - *NOTE: Candidates shall not be given information in advance, on the precise topic to be assessed.*
9. Complete all lectures with IANTD ITDP Slides.
10. All candidates must demonstrate the ability to control and supervise an instructor group in an effective manner.
11. The IANTD Assistant Course Director shall be conducted by an Course Director.
  - a. In order to complete the Assistant Course Director Program, the Assistant Course Director candidate shall complete the following:
    - I. Final IT Exam
      - i. Complete written exam on all topic areas able to teach and Risk Mitigation
    - II. Final IT Standards & Procedures Exam
    - III. Present and obtain passing scores on:
      - i. Two (2) IDP Academic Presentation
      - ii. Two (2) IDP Confined Water Presentation
      - iii. Two (2) IDP Open Water Presentation
    - IV. Demonstrate the ability to evaluate instructor candidate teaching presentations on:
      - i. Knowledge development
      - ii. Confined water
      - iii. Open water
    - V. Proficiency with Rescue Skills.

## **D. Equipment Requirements**

1. Fulfill all Equipment Requirements as specified in the IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS.
2. Equipment Requirements listed in the IANTD Diver Program the Instructor plans to teach are mandatory.

## **E. Program Limits**

1. Same as for the Open Water and Open Water EANx Instructor Development Program
2. A minimum of 100 hours of training shall be conduct under direct supervision of an IANTD ITT or IANTD HQ/ Licensee.

## **F. Qualification Requirements**

1. Completion of the IANTD Assistant Course Director Development Program and demonstration of a safe and responsible attitude allows the candidate to become qualified as an IANTD Assistant Course Director.

## **G. Water Skills Development**

1. Same as IANTD INSTRUCTOR TRAINER PROGRAM - GENERAL STANDARDS.

## **H. Qualification Renewal**

1. Co-Teach a minimum of two (2) IANTD IDPs and qualify at least 2 IANTD IANTD Assistant Instructors annually.
2. Fulfill all renewal requirements for IANTD Open Water Nitrox Instructor.
3. Remain as an active IANTD member and pay annual Instructor Trainer renewal fees.
4. Log at least 50 dives annually.

## Course Director

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

1. IANTD Headquarters or IANTD Licensees .
- or
2. Open Water EANx Instructor Trainer (IT) or higher may teach this course.

### A. Purpose

1. IANTD Course Directors are IANTD Assistant Course Directors who have taken the next step and joined an elite group of professional who provide training to the next generation of IANTD Instructors. Course Directors teach Assistant Course Director Programs and IANTD Instructor Development Programs (IDP) To become an IANTD Course Director you must attend a Course Director Program with an IANTD IT or attend an IANTD Instructor Trainer Development Program.

### B. Prerequisites

1. Must be at least 21 years of age.
2. Must be qualified as an IANTD Assistant Course Director.
3. Must have a minimum of two (2) years of teaching experience without any Quality Assurance Complaint.
4. Must have issued minimum of 100 certifications in a combination of the following IANTD Programs or equivalent:
  - a. Open Water, Advanced Open Water Diver Programs, EANx Diver, Deep Diver, Rescue Diver and Divemaster Programs.
5. Provide proof of a minimum of 175 logged dives
6. Assist in two (2) Open Water EANx Instructor Development Program.

### C. Program Content

1. Direct the Course Director candidate to the methods and techniques of training IANTD Programs
2. Demonstrate proficiency in training Open Water EANx Instructors.
  - a. Demonstrate lectures and theory for IANTD Open Water, IANTD Advanced Open Water Diver, IANTD EANx Diver, IANTD Deep Diver, IANTD Rescue Diver, Divemaster Programs and other programs as appropriate for the rating of the IANTD Course Director.
3. Teaching experience must be acquired by assisting (in both theory and practice) in a series of actual or simulated training sessions under the direct supervision and assessment of the IT, IANTD HQ or IANTD Licensee.
4. Complete review of the Standards and Procedures (S & P).
5. Confined Water and Open Water practical skills of the IANTD Open Water Program are to be demonstrated.
6. Demonstration of instructor quality presentations with instructor level proficiency in all practical skills, and the ability to teach and evaluate instructor candidates effectively.
  - *NOTE: Candidates shall not be given information in advance, on the precise skill to be assessed.*
7. All lecture topics in the IANTD IDP Program slides must be studied by the candidates and discussed in class.
8. A selection of IANTD slides chosen by the IT or IANTD HQ or IANTD Licensee shall be presented by the candidates, following the processes of lecture preparation, planning and delivery.
  - *NOTE: Proficiency level in lecturing skills according to IT or IANTD HQ or IANTD Licensee discretion must be demonstrated by all candidates.*
  - *NOTE: Candidates shall not be given information in advance, on the precise topic to be assessed.*
9. Complete all lectures with IANTD ITDP Slides.
10. All candidates must demonstrate the ability to control and supervise an instructor group in an effective manner.

11. The IANTD CDDP shall be conducted by an IANTD Instructor Trainer or IANTD HQ/Licensee.
  - a. In order to complete the CDDP Program, the CD candidate shall complete the following:
    - I. Final IT Exam
      - i. Complete written exam on all topic areas able to teach and Risk Mitigation
    - II. Final IT Standards & Procedures Exam
    - III. Present and obtain passing scores on:
      - i. Two (2) IDP Academic Presentation
      - ii. Two (2) IDP Confined Water Presentation
      - iii. Two (2) IDP Open Water Presentation
    - IV. Demonstrate the ability to evaluate instructor candidate teaching presentations on:
      - i. Knowledge development
      - ii. Confined water
      - iii. Open water
    - V. Proficiency with Rescue Skills.

## **D. Equipment Requirements**

1. Fulfill all Equipment Requirements as specified in the IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS.
2. Equipment Requirements listed in the IANTD Diver Program the Instructor plans to teach are mandatory.

## **E. Program Limits**

1. Same as for the Open Water and Open Water EANx Instructor Development Program
2. A minimum of 100 hours of training shall be conduct under direct supervision of an IANTD ITT or IANTD HQ/Licensee.

## **F. Qualification Requirements**

1. Completion of the IANTD CDDP and demonstration of a safe and responsible attitude allows the candidate to become qualified as an IANTD Course Director.

## **G. Water Skills Development**

1. Same as IANTD INSTRUCTOR TRAINER PROGRAM - GENERAL STANDARDS.

## **H. Qualification Renewal**

1. Conduct a minimum of two (2) IANTD IDPs and qualify at least 2 IANTD Divemasters or higher annually.
2. Fulfill all renewal requirements for IANTD Open Water EANx Instructor.
3. Remain as an active IANTD member and pay annual Course Director renewal fees.
4. Log at least 50 dives annually.



## Open Water EANx Instructor Trainer

► **BE SURE TO CHECK LEADERSHIP, INSTRUCTOR, CD & IT PROGRAMS GENERAL STANDARDS (Pg 130).**

### Who may teach this course?

1. IANTD Headquarters or IANTD Licensees or IANTD Open Water EANx ITT.

### A. Purpose

1. This Program is designed to provide responsible training for IANTD Instructor Trainers.

### B. Prerequisites

1. Must be at least 21 years of age.
2. Must be qualified as an IANTD Course Director in Active Teaching Status.
3. Must have a minimum of two (2) years of teaching experience without any Quality Assurance Complaint.
4. Must have issued minimum of 200 certifications in a combination of the following IANTD Programs or equivalent:
  - a. Open Water, Advanced Open Water Diver Programs, EANx Diver, Deep Diver, Rescue Diver and Divemaster Programs.
5. Must provide proof of a minimum of 200 logged dives
6. Conducted at least four (4) Open Water EANx Instructor Development Program and IANTD HQ/Licensee approval.

### C. Program Content

1. Direct the Instructor Trainer candidate to the methods and techniques of training IANTD Programs and evaluate IANTD Instructors Candidates
2. Demonstrate proficiency in training and evaluate Open Water EANx Instructors.
  - a. Demonstrate lectures and theory for IANTD Open Water, IANTD Advanced Open Water Diver, IANTD EANx Diver, IANTD Deep Diver, IANTD Rescue Diver, Divemaster Programs and other programs as appropriate for the rating of the IT.
3. Teaching experience must be acquired by assisting (in both theory and practice) in a series of actual or simulated training sessions under the direct supervision and assessment of the IANTD HQ or IANTD Licensee or IANTD Open Water EANx ITT.
4. Complete review of the Standards and Procedures (S & P).
5. Confined Water and Open Water practical skills of the IANTD Open Water Program are to be demonstrated.
6. Demonstration of instructor quality presentations with instructor level proficiency in all practical skills, and the ability to teach and evaluate instructor candidates effectively.
  - *NOTE: Candidates shall not be given information in advance, on the precise skill to be assessed.*
7. All lecture topics in the IANTD IDP Program slides must be studied by the candidates and discussed in class.
8. A selection of IANTD slides chosen by the IANTD HQ or IANTD Licensee or IANTD Open Water EANx ITT shall be presented by the candidates, following the processes of lecture preparation, planning and delivery.
  - *NOTE: Proficiency level in lecturing skills according to IANTD HQ or IANTD Licensee or IANTD Open Water EANx ITT discretion must be demonstrated by all candidates.*
  - *NOTE: Candidates shall not be given information in advance, on the precise topic to be assessed.*
9. Complete all lectures with IANTD ITDP Slides.
10. All candidates must demonstrate the ability to control and supervise an instructor group in an effective manner.

11. The IANTD ITDP shall be conducted by an IANTD HQ or IANTD Licensee or IANTD Open Water EANx ITT.
  - a. In order to complete the IT Program, the IT candidate shall complete the following:
    - I. Final IT Exam
      - i. Complete written exam on all topic areas able to teach and Risk Mitigation
    - II. Final IT Standards & Procedures Exam
    - III. Present and obtain passing scores on:
      - i. Two (2) IDP Academic Presentation
      - ii. Two (2) IDP Confined Water Presentation
      - iii. Two (2) IDP Open Water Presentation
    - IV. Demonstrate the ability to evaluate instructor candidate teaching presentations on:
      - i. Knowledge development
      - ii. Confined water
      - iii. Open water
    - V. Proficiency with Rescue Skills.

## D. Equipment Requirements

1. Fulfill all Equipment Requirements as specified in the IANTD SPORT DIVER PROGRAM - GENERAL STANDARDS.
2. Equipment Requirements listed in the IANTD Diver Program the Instructor plans to teach are mandatory.

## E. Program Limits

1. Same as for the Open Water and Open Water EANx Instructor Development Program
2. A minimum of 100 hours of training shall be conduct under direct supervision of an IANTD HQ or IANTD Licensee.

## F. Qualification Requirements

1. Completion of the IANTD Open Water EANx ITDP and demonstration of a safe and responsible attitude allows the candidate to become qualified as an IANTD Open Water EANx Instructor Trainer.

## G. Water Skills Development

1. Same as IANTD INSTRUCTOR TRAINER PROGRAM - GENERAL STANDARDS.

## H. Qualification Renewal

1. Conduct a minimum of two (2) IANTD IDPs and qualify at least 4 IANTD Open Water Nitrox Instructors or higher annually.
2. Fulfill all renewal requirements for IANTD Open Water Nitrox Instructor or higher.
3. Remain as an active IANTD member and pay annual Instructor Trainer renewal fees.
4. Log at least 50 dives annually.

## I. IT Upgrade Policy

► **If not an IANTD IT, in order to upgrade to any other IT Rating, the Open Water EANx ITDP must be successfully completed.**

► **In order to upgrade to any IT Rating, the required number of certifications MUST be IANTD only.**

1. An IT who successfully completes the ITDP is eligible to upgrade to other IT levels without attending another ITDP by:
  - a. IANTD HQ or Local Lincesse approval;
  - b. Providing documentation of actively teaching IANTD programs;
  - c. No active Quality Assurance Complaint.
  - d. Acheiving the minimum number of IANTD student certifications, dives and hours per level as described below:

IT RATING:	Number of diver certifications issued at that level	Number of dives or hours at that level
Open Water EANx IT	200	200
Advanced EANx or Advanced Recreational Trimix IT	10	25
Technical Diver IT	10	25
Normoxic Trimix IT	10	75
Trimix IT	15	100
REBREATHER IT RATINGS		
Recreational Rebreather IT (SCR - pSCR - CCR)	10	100 hrs
Rebreather IT (SCR - pSCR - CCR)	15	200 hrs
Rebreather Normoxic Trimix Diving IT (pSCR - CCR)	10	250 hrs
Rebreather Trimix Diving IT (pSCR - CCR)	10	300 hrs
OVERHEAD IT RATINGS		
Technical Mine IT	15	100
Technical Cave Diver IT	15	100
Technical Wreck Diving IT	15	100
Rebreather Cave Diver IT (pSCR - CCR)	10	300 hrs
Rebreather Wreck Diving IT (pSCR - CCR)	10	300 hrs
NOTE		
<i>Once the IT achieves the upgrade requirements listed above for the specific IT Rating, an IT can continue their education with an ITT or apply to IANTD for approval of the specific IT rating .</i>		
<i>IT Ratings not specified in this matrix require 10 diver certifications to have been issued at that level before applying to IANTD for approval of the specific IT rating.</i>		



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