

# **PUBLIC SAFETY STANDARDS & PROCEDURES MANUAL (OPEN CIRCUIT)**

FOR PUBLIC SAFETY DIVING



REVISED: JULY 5TH 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

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## DISCLAIMER

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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.

Licensees, Facilities, Instructor Trainers and Instructors who cannot comply with or would like to request a waiver for a particular section of the IANTD Standards and Procedures, or have a specialized need to present material otherwise, must obtain a written waiver from the Training Director of IANTD World Headquarters prior to teaching the program. It is mandatory that a copy of the waiver be submitted to IANTD World HQ or the local Licensee Office for record keeping purposes when registering.

### IAND, INC. d.b.a. IANTD 1985 - 2022

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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 Instructor 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.

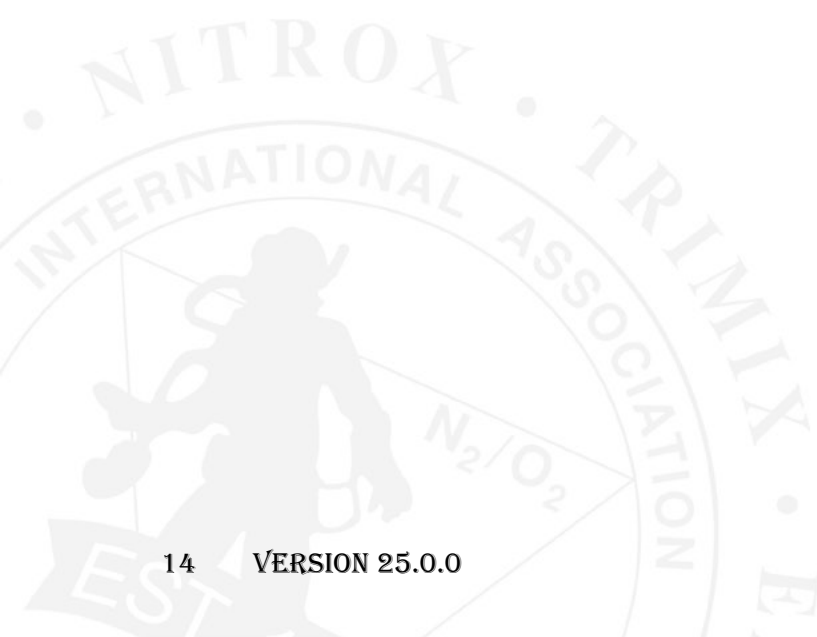
## International Qualifications (Cross-Border Policies)

### 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 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.

## INTERNATIONAL ASSOCIATION OF NITROX & TECHNICAL DIVERS

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.

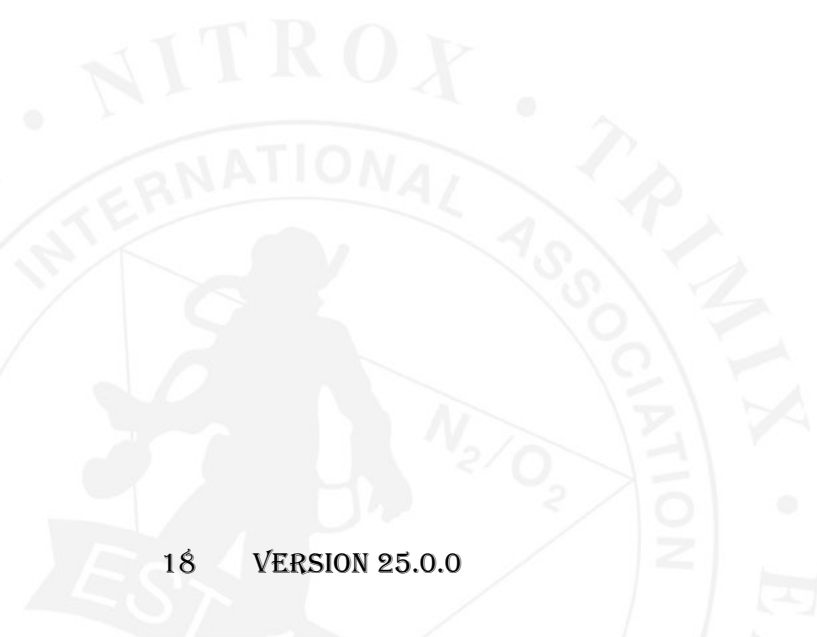
### Events Following an Investigation

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.

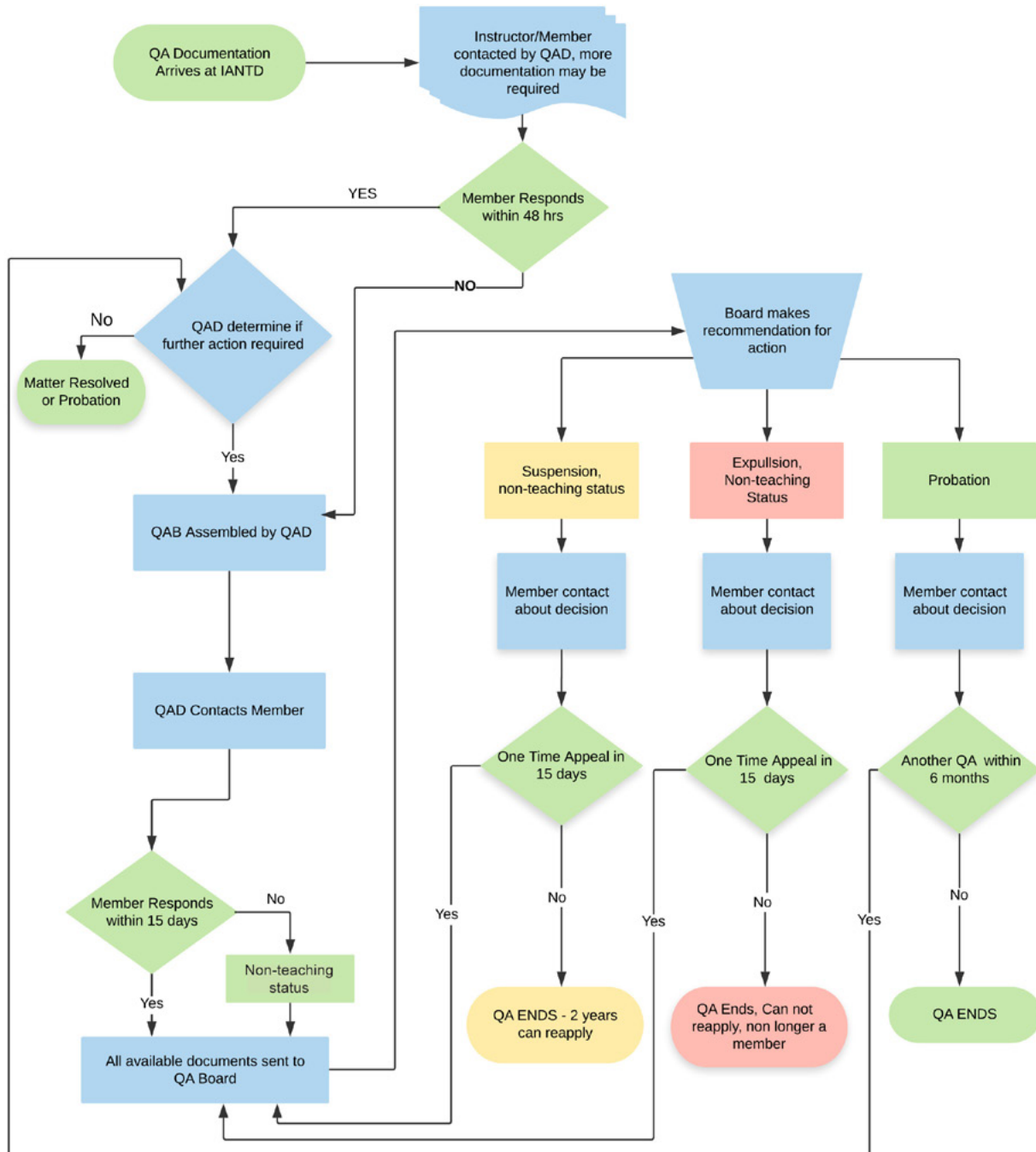
### Quality Assurance Forms

- 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 o 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 STUDENT WATERMANSHIP EVALUATION FORM**

**STUDENT WATERMANSHIP  
EVALUATION FORM FOR INDIVIDUAL DIVES**  
(Version 18.2.1)

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

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

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

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 finning technique and efficiency											
Body posture for low drag and silt avoidance											
Pulling technique where 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 support equipment											
Ability to efficiently switch gases if applicable and control PO <sub>2</sub> on CCR											
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 and PO <sub>2</sub> on CCR											
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 drills											
Ability to focus on dive objectives											
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										



## STUDENT WATERMANSHIP EVALUATION FORM FOR INDIVIDUAL DIVES

(Version 18.2.1)

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. \_\_\_\_\_ Capable of diving or using this type of equipment safely
  - d. \_\_\_\_\_ Safe to dive unsupervised (Except for the Supervised Diver Level)
  - e. \_\_\_\_\_ Buddy can be comfortable and safe diving with this person
  - f. \_\_\_\_\_ Physical fitness for the type of diving
  - g. \_\_\_\_\_ Fitness and overall comprehension of risk management and understanding of equipment and skills needed for this type of diving
  - h. \_\_\_\_\_ 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





# IANTD PUBLIC SAFETY DIVER PROGRAMS



## PSD Programs - General Standards

► **NOTE:** Unless indicated as specifically for PSD 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 PSD 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 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. Through water communication system (electric communication preferred but minimally line pull signals).
5. A quick release weight ballast system (if appropriate).
6. Submersible pressure gauge.
7. Buoyancy control device (BCD), including a cylinder support system.
8. Mask and fins
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.
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. Two cutting tool or device.
15. Primary and backup lights (as needed).
16. Surface alert device (whistle, diver alert, etc.).
  - *NOTE: Equipment is to be configured in a neat low drag manner.*
17. When appropriate, the use of a surface support station with dive flag is also encouraged.
18. A DSMB or Lift Bag of at least 50-lb. (22.5-kg) lift capacity and a line reel for deployment as required.
19. 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 **Sidemount configuration with the use of an appropriately rigged cylinder.**
20. Bolt snap hooks / scissors clips used for attaching equipment to the diver are recommended.
21. Surface supplied diving (as feasible) is the preferred method of PSD. However, if not, divers should always be tethered to a separate harness (other than BC) and have their own separate safety diver for each operational diver. Tethers may only be removed for:
  - a. Training purposes.
  - b. Where there is a direct line to the object and the surface.
  - c. Where the risk of the operational diver becoming fouled because of the tether is significant.

## 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 PSD Diver Programs.
5. In all IANTD PSD diving Programs, the maximum in water 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 12 feet (3.6 meters) and 25 feet (7.6 meters) the maximum in water student to Instructor ratio is 4 to 1.
  - b. If the visibility is between 5 feet (1.5meters) and 12 feet (3.6 meters) the maximum in water student to Instructor ratio is 2 to 1.
6. No decompression dives shall be conducted.



- 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.

## G. Water Skills

- Prior to all dives a “briefing” must be conducted. Following all dives, a “debriefing” must be conducted.
- 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.
- This confined water session may be in open water in depths up to 20 feet (6 msw).
- All the watermanship skills must be practiced until the student is proficient in each skill.
- The training requirements here in are IANTD minimums.
- Practice of SCUBA diving equipment configuration including redundancy and streamlining.

## 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

- All diver performance requirements must be met prior to certification, as reflected on the student watermanship evaluation form.
- 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.
- 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.
- 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.
- The Program enrolled for must be completed within six months from the starting date, unless otherwise specified in the Standard.

## J. Qualification Renewal

- The IANTD Diver Qualification Card does not have an expiration date, unless otherwise indicated.
- 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.

## Public Safety Diver

► **BE SURE TO CHECK PSD PROGRAM - GENERAL STANDARDS (Pg 26).**

### Who may teach this course?

- Public Safety Diver Instructor may teach this course.

### A. Purpose

1. To train divers to operate in waters of limited visibility during searches to locate, identify, and retrieve objects including but not limited to remains and evidence underwater for potential use in a court room.
2. Help to locate and recover drowning victims, abandoned vehicles, and evidence in criminal cases.

### B. Prerequisites

1. Being a police officer, firefighter, para-military or working directly on public safety team or professional rescue team.
2. Certifications requirements:
  - a. Must be qualified in:
    - I. IANTD Rescue Diver or equivalent.
    - II. If the environment or training involves Dry Suit and or Full Face Mask:
      - i. IANTD Drysuit Diver (as required for contaminated water diving) or equivalent.
      - ii. IANTD Full Face Mask (as required for communication) or equivalent.
3. Age requirement:
  - a. Must be a minimum of 18 years old.

### 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.
    - I. All academic lectures consisting of Public Safety Diving Techniques and Environmental Analysis as well as methods of processing a crime scene;
    - II. Practical application with IANTD Course specific Slides pertaining to the theory in the IANTD Public Safety Diver Student Kit.
  - b. Confined water session(s) and Open Water Dives.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.
5. The Program may be completed within 6 SCUBA dives.

### D. Equipment & Text Requirements

1. IANTD Public Safety Diver Student Kit.
  - a. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview with two (2) separate cutting tools, redundant gas supply, surface rope, harness and carabiner.
  - b. Highly recommended the use of Full face mask.
  - c. Tender and support operations wearing float vest.

### 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. (See PSD general standard for more specific visibility reductions in ratio).
  - a. There may be no more than eight (8) students per Instructor.



2. The Program must include:
  - a. A minimum of 100 minutes of dive time developing water skills.
  - b. A minimum of six (6) 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: Course dives deeper than 40 fsw (12 msw) require the direct supervision of an IANTD PSD Instructor.*
3. No dives may be conducted to depths greater than the diver previous certification level.
4. No dives may be conducted to depths greater than 100 fsw (30 msw)
5. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
  - ▶ ***As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.***

## F. Water Skills Development

1. Swim in a simulated out of air situation (without breathing and exhaling slowly) for a distance of at least 30 feet (9 meters) with full SCUBA diving equipment then commence gas sharing with another diver.
2. Swim at least two (2) minutes simulating a complete buoyancy failure.
3. Simulate gas failure and switch to redundant gas source.
4. Demonstrate deployment of a safety reel and lift bag while maintaining a stable depth.
5. Remove and replace SCUBA diving equipment at the surface and at depth.
6. Perform Entangled Diver Drill (safety diver drill):
  - a. While being tethered and equipped with a redundant gas supply the Operations Diver will be entangled in a net or rope.
  - b. The Safety Diver, while being tethered and in a blacked out mask, will have, until the Operations Diver's in-water time expires, to untangle the Operational Diver
7. Body packing:
  - a. Two (2) line-tethered divers approach from different directions and package a training dummy in a Body Recovery System.
  - b. Deploy a lift bag attached to the package
  - c. Swim to the shallow end of the pool
8. Search line deployment:
  - a. One (1) or two (2) divers may be used at a time.
  - b. Divers will deploy a search line the length of the pool and practice:
    - I. A walking line search
    - II. A Jack Stay Search.
9. A heavy object lifting must be performed. It's recommended a car or a motorcycle.
10. A diver decontamination will be conducted.

### Open Water Phase

11. All students will assume the role of the:
  - a. Team Commander
  - b. Operations Diver
  - c. Safety Diver
  - d. Line Tender.
12. Four Different Search Pattern Dives will be conducted
13. One Body Packing and Recovery Dive.
14. One Evidence Recovery / Chain of Custody Dive.
15. All dives will last a minimal of 20 minutes run time.

## Hull Search Diver Specialist

► **BE SURE TO CHECK PSD PROGRAM - GENERAL STANDARDS (Pg 26).**

### Who may teach this course?

- A Hull Search Diver Specialist Instructor may teach this course.

### A. Purpose

1. To train divers to operate in waters of limited visibility while employing structured methods in the retrieval of submerged evidence from a maximum depth of 100 fsw (30 msw) and the potential use of this evidence in a court room.

### B. Prerequisites

1. Being a police officer, firefighter, para-military or working directly on public safety team or professional rescue team.
2. Certifications requirements:
  - a. Must be certified as IANTD Public Safety Diver or equivalent.
3. Age requirement:
  - a. Must be 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
2. All the water skills must be practiced until the student is proficient in each skill.
3. The program must include academic classes in search of underwater hulls; Diver decontamination techniques and equipment; study and visualization dry shipyard in the parts of the ship and its dangers; legislation and pre dive check list with the Commander of the ship; search for drugs and explosives in casks and docks:
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Public Safety Diver Student Kit.
  - a. All listed in item required equipment for the environment where the diver will be trained.

### E. Program Limits

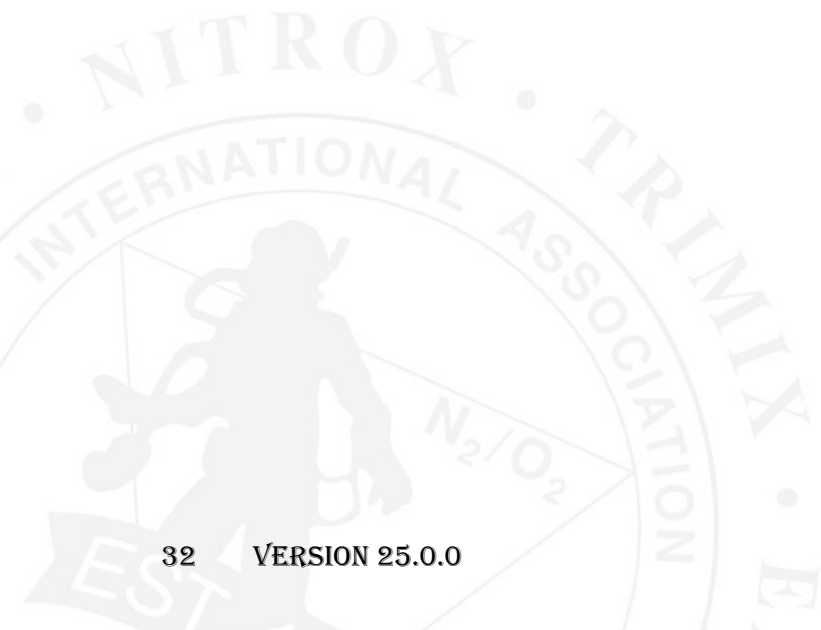
1. Student to Instructor Ratio:
  - *NOTE: Student to Instructor ratios permitted are based on entering the water with visibility of 25 feet (8 meters) or more. (See PSD general standard for more specific visibility reductions in ratio).*
    - a. Maximum ratio of 4 students per instructor in the water.
2. The Program must include:
  - a. A minimum of 100 minutes of dive time developing water skills.
  - b. A minimum of four (4) 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: Course dives deeper than 40 fsw (12 msw) require the direct supervision of an IANTD PSD Instructor.*
3. Maximum depth 100 fsw in training.
4. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
5. All open water dives must be accompanied by an instructor PSD.

6. No decompression dives and respecting the safety stops.
7. In all solo dives the diver must be connected to the surface with a cable.
8. Any equipment to be used in open water must first be trained in confined waters.

► ***As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.***

## **F. Water Skills Development**

1. Perform an “S” drill prior to commencement of all dives.
2. Training should be conducted in a safe place that does not have higher contamination category 3.
3. Check pre dive with the ship’s Commander.
  - a. Assure that all intakes are shut down and ship has been rendered safe.
4. Identification of the parts of the ship, as seen in dry yard, together with the instructor.
5. Scans the hull or dock, divers using a line/rope between them and with the surface.
6. A simulated operation locating drugs or explosives hull or dock, all developing steps occurring to the debriefing.
7. Become proficient in the following propulsion techniques:
  - a. Modified flutter
  - b. Standard shuffle kick
8. Swim a distance of 75 feet (23 meters) without a mask.
9. In the overhead environment practice:
  - a. Running the line
10. Swim in a simulated out of air situation:
  - a. Swimming inverted.
  - b. Simulate entanglement.
11. Without breathing and exhaling slowly swim a distance of at least 40 feet (12 meters), and commence.
12. Gas sharing or appropriate gas management drill for out of air diver.
13. While gas sharing, continue to swim for a distance of at least 2 minutes while maintaining a swim.
14. Perform valve shutdowns.
15. Close and open tank valves on all dives.



## Underwater Crime Scene Investigator

► **BE SURE TO CHECK PSD PROGRAM - GENERAL STANDARDS (Pg 26).**

### Who may teach this course?

- An Underwater Crime Scene Specialist Instructor may teach this course.

### A. Purpose

1. To train divers to operate in waters of limited visibility while employing structured methods in the retrieval of submerged evidence from a maximum depth of 100 fsw (30 msw) and the potential use of this evidence in a court room.

### B. Prerequisites

1. Being a police officer, firefighter, para-military or working directly on public safety team or professional rescue team.
2. Certifications requirements:
  - a. Must be certified as IANTD Public Safety Diver or equivalent.
3. Age requirement:
  - a. Must be 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
2. All the water skills must be practiced until the student is proficient in each skill.
3. The program must include academic classes in search and recovery, evidence recovery and chain of custody rules. Equipment used to conduct and preserve evidence. Determining area to be searched through investigative interviews.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.

### D. Equipment & Text Requirements

1. IANTD Public Safety Diver Student Kit.
  - a. All equipment listed in the Public safety Diver course
  - b. All listed in item required equipment for the environment where the diver will be trained.

### E. Program Limits

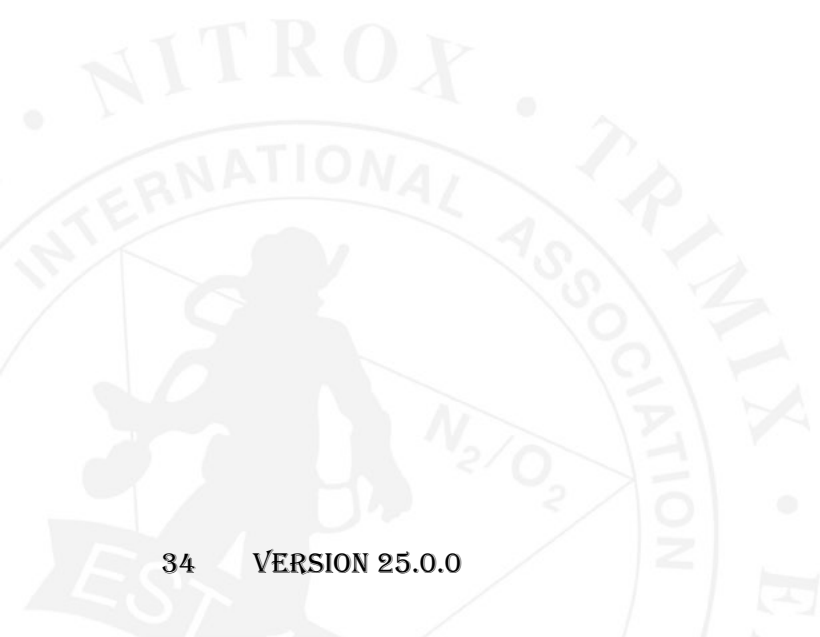
1. Student to Instructor Ratio:
  - *NOTE: Student to Instructor ratios permitted are based on entering the water with visibility of 25 feet (8 meters) or more. (See PSD general standard for more specific visibility reductions in ratio).*
    - a. Maximum ratio of 8 students per instructor in the water.
2. The Program must include:
  - a. A minimum of 100 minutes of dive time developing water skills.
  - b. A minimum of four (4) 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: Course dives deeper than 40 fsw (12 msw) require the direct supervision of an IANTD PSD Instructor.*
3. Maximum depth 100 fsw in training.
4. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
5. All open water dives must be under the indirect supervision of the Instructor.
6. No decompression dives.

7. In all solo dives the diver must be tendered
8. Any equipment to be used in open water must be trained in confined water.
9. When using weapons for items searched they must be inoperable.

► ***As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.***

## **F. Water Skills Development**

1. Perform an “S” drill prior to commencement of all dives.
2. Training should be conducted in a safe place that does not have a higher contamination category 3.
3. Perform search patterns as covered in the course.
4. Plan, organize and conduct an effective underwater crime scene.
5. Locate evidence, mark location and properly package and prepare for record keeping.
6. Properly interview witnesses and potential violator to establish crime scene area.
7. Recover evidence and complete a full report documenting all evidence to include a crime scene diagram



## PSD Lifting Specialist

► **BE SURE TO CHECK PSD PROGRAM - GENERAL STANDARDS (Pg 26).**

### Who may teach this course?

- A PSD Lifting Specialist Diver Instructor may teach this course.

### A. Purpose

1. To train divers to operate in waters of limited visibility while employing structured methods in the retrieval of submerged evidence from a maximum depth of 100 fsw (30 msw) and the potential use of this evidence in a court room.

### B. Prerequisites

1. Being a police officer, firefighter, para-military or working directly on public safety team or professional rescue team.
2. Certifications requirements:
  - a. Must be certified as IANTD Public Safety Diver or equivalent.
3. Age requirement:
  - a. Must be 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
2. All the water skills must be practiced until the student is proficient in each skill.
3. The program must include academic classes of refloating techniques using Lifting bags, open, closed, multiplication forces, use of chains, cables, winches, cranes, protection and decontamination of the diver and equipment.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.

### D. Equipment & Text Requirements

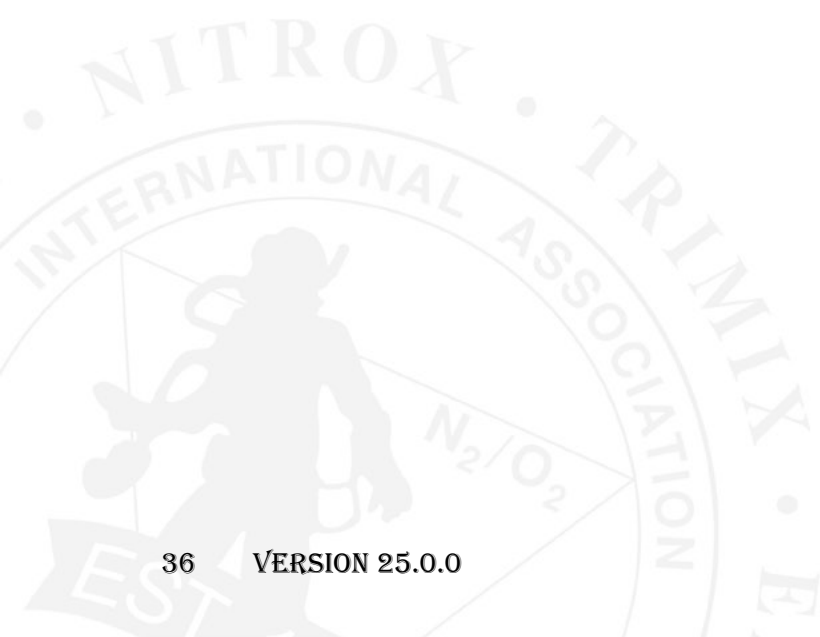
1. IANTD Public Safety Diver Student Kit.
  - a. All equipment listed in the Public safety Diver course
  - b. All listed in item required equipment for the environment where the diver will be trained.

### 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. (See PSD general standard for more specific visibility reductions in ratio).*
    - a. Maximum ratio of 8 students per instructor in the water.
2. The Program must include:
  - a. A minimum of 100 minutes of dive time developing water skills.
  - b. A minimum of four (4) 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: Course dives deeper than 40 fsw (12 msw) require the direct supervision of an IANTD PSD Instructor.*
3. All open water dives must be accompanied by an instructor PSD.
4. No decompression dives and respecting the safety stops.
5. In all solo dives the diver must be connected to the surface with a cable.
6. Any equipment to be used in open water must first be trained in confined waters.
  - **As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.**

## F. Water Skills Development

1. Confined Water Skills:
  - a. The skills must be trained using mask with black or covered glass.
  - b. A safety diver must be present in all open waters sessions.
  - c. Use of Lifting bags for simply refloating; staged with a bag elevator; submerged cargo turning.
  - d. System Installation guide with force multiplication for use crane and in load anchorage
2. Open Water Development Skills
  - a. Refloating simply vehicles; staged submerged and turning using Lifting bags.
  - b. Simulated public safety dive occurrence for vehicle refloating using lifting bag.
    - *NOTE: The occurrence must follow all standard steps in the Course PSD, from receiving to the debriefing.*
  - c. Simulated public safety dive occurrence for vehicle refloating using winches or crane. The occurrence must follow all standard steps in the Course PSD, from receiving to the debriefing.





## PSD Contaminated Water Specialist

► **BE SURE TO CHECK PSD PROGRAM - GENERAL STANDARDS (Pg 26).**

### Who may teach this course?

- A PSD Contaminated Water Instructor may teach this course.

### A. Purpose

1. To train divers to operate in waters of limited visibility while employing structured methods in the retrieval of submerged evidence from a maximum depth of 100 fsw (30 msw) and the potential use of this evidence in a court room.

### B. Prerequisites

1. Being a police officer, firefighter, para-military or working directly on public safety team or professional rescue team.
2. Certifications requirements:
  - a. Must be certified as IANTD Public Safety Diver or equivalent.
3. Age requirement:
  - a. Must be 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
2. All the water skills must be practiced until the student is proficient in each skill.
3. The program must include academic classes of diving techniques in contaminated water up to category 1, encapsulated with full face diving, snorkeling encapsulated with diving helmet, decontamination.
4. Students must pass the specific IANTD Specific test with a minimum score of 80%.

### D. Equipment & Text Requirements

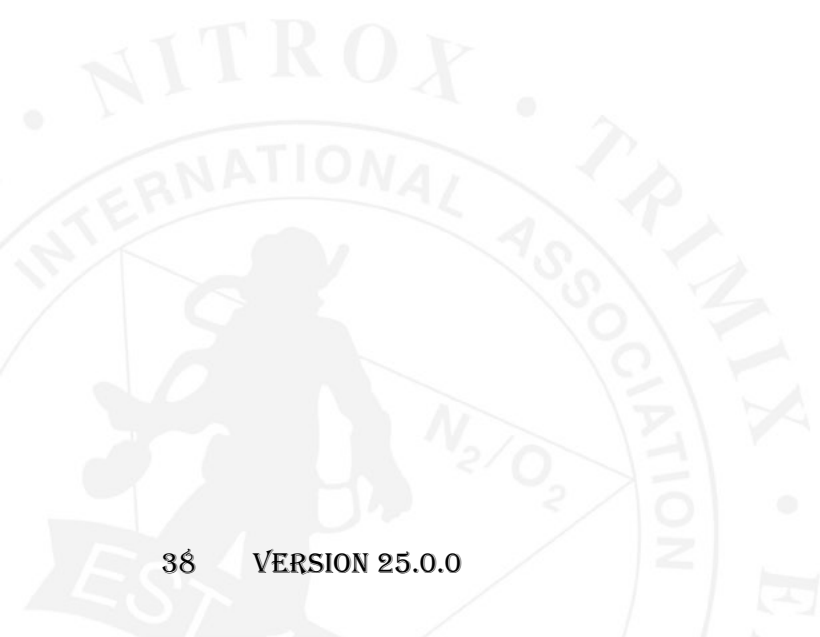
1. IANTD Public Safety Diver Student Kit.
  - a. All equipment listed in the Public safety Diver course
  - b. All listed in item required equipment for the environment where the diver will be trained.

### 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. (See PSD general standard for more specific visibility reductions in ratio).*
    - a. Maximum ratio of 2 students per instructor in the water.
2. The Program must include:
  - a. A minimum of 100 minutes of dive time developing water skills.
  - b. A minimum of four (4) 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: Course dives deeper than 40 fsw (12 msw) require the direct supervision of an IANTD PSD Instructor.*
3. All open water dives must be accompanied by an instructor PSD.
4. No decompression dives and respecting the safety stops.
5. The diver should be in communication with the surface, preferably using U/W phony
6. Any equipment to be used in open water must first be trained in confined waters.
7. No training dive must be done in water with higher contamination than category 3.
  - **As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.**

## F. Water Skills Development

1. Confined Water Skills:
  - a. A confined water session must be conducted before any open water dive.
  - b. Use of a PSD Dry Suit
  - c. Use of redundant gas supply without exposure the diver.
  - d. Communication with surface using cable and telephony
  - e. Use of full face with dry suite - encapsulated.
  - f. Use of helmet with dry suite - encapsulated.
  - g. Diver decontamination and equipment for Category 1.
2. Open Water Development Skills
  - a. Operating simulated public safety diving in waters contaminated with Category 2. The operation must comply with all the steps of receiving the mission until the debriefing
  - b. Operating simulated public safety diving in waters contaminated with Category 1. The operation must comply with all the steps of receiving the mission until the debriefing.



## Elite PSD Diver

### A. Purpose

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

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified in:
    - I. IANTD PSD Diver or equivalent.
    - II. Must have 3 of the 4 following certifications::
      - i. IANTD PSD - Contaminated Water Diver
      - ii. IANTD PSD - U/W Crime Scene Investigator Diver
      - iii. IANTD PSD - Hull Search Diver
      - iv. IANTD PSD - Lifting Specialist Diver
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 75 non-training logged missions.

### C. Program Content

1. N/A

### D. Equipment Requirements

1. N/A

### E. Program Limits

1. N/A

### F. Water Skills Development

1. There is no water skills required.

### G. Application Procedure

1. Fill & submit the Elite PSD Diver Application Form.
2. Submit copies of the certification levels to an IANTD Instructor, HQ or local licensee.





# IANTD PUBLIC SAFETY INSTRUCTOR & IT PROGRAMS



## PSD Instructor & Instructor Trainer Programs General Standards

► **NOTE:** Unless indicated as specifically for Leadship, Instructor, CD & IT Programs, the following general statements apply to all IANTD Leadship, 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 IT Program, the candidate must demonstrate ability to free dive to 50 fsw (15 msw) by actually doing a free dive.**

## K. Special Notes

- ▶ 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

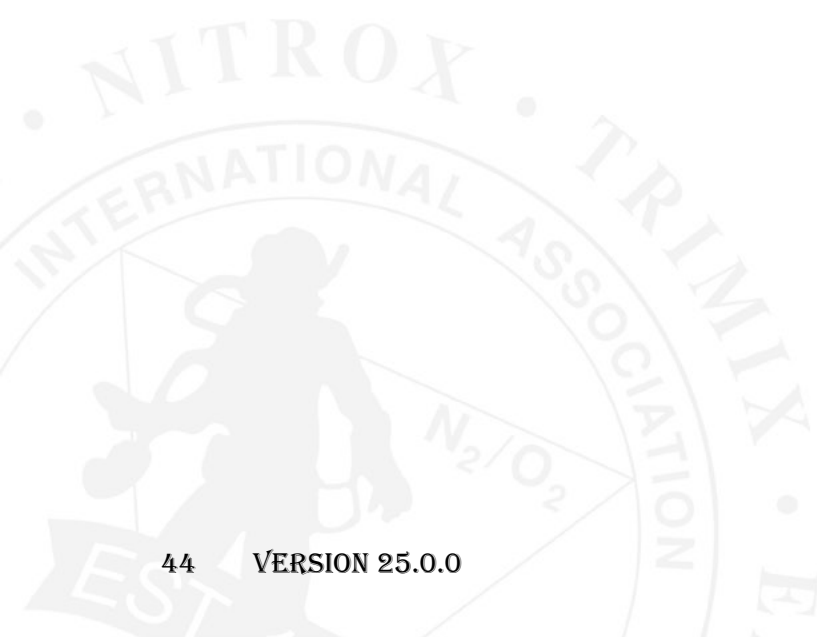
1. Have a instructor certification of a comparable level from a recognized training organization and obtain HQ approval
2. Meet all the pre-requisites as outline the standards
3. Have an IANTD Sport Diving Instructor Kit.
4. Complete review of the IANTD Standards & Procedures
5. Complete review of the 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. 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



## 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
15:00 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 18.2.0)

**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			



## Public Safety Instructor Development Program

► **BE SURE TO CHECK PSD INSTRUCTOR PROGRAM - GENERAL STANDARDS (Pg 41).**

### Who may teach this course?

1. A Public Safety Diver Instructor Trainer may teach this course.

### A. Purpose

1. To train Instructors to train Divers to operate in waters of limited visibility while employing structured methods in the retrieval of submerged evidence and its potential use in a court room.

### B. Prerequisites

1. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Open Water Instructor in active teaching status or equivalent
    - II. IANTD Public Safety Diver or equivalent for 1 year
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
2. Age requirement:
  - a. Must be a minimum of 21 years of age.
3. Dive Experience:
  - a. Must have completed 20 logged dives as a PSD Diver in operational or training situations.

### C. Program Content

1. Two to four (2 - 4) days program consisting of the presentation of at least five (5) lectures from the PSD course as well as a confined water session and an open water session where the candidate is both conducting and supervising the session.

### D. Equipment & Text Requirements

1. All Equipment Requirements listed in the IANTD Public Safety Diver Program are mandatory.
2. IANTD Public Safety Diver Student Kit.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
4. All students shall come equipped with two (2) methods of cutting line.
5. One body recovery system.
6. Lines and rigging.
7. Safety Harness.
8. Tether Line.
9. Dry Suit.
10. Full Face Mask.
11. Appropriate environmental protection as set forth by industry standards.
12. Safety Reel and Lift Bag.

## **E. Program Limits**

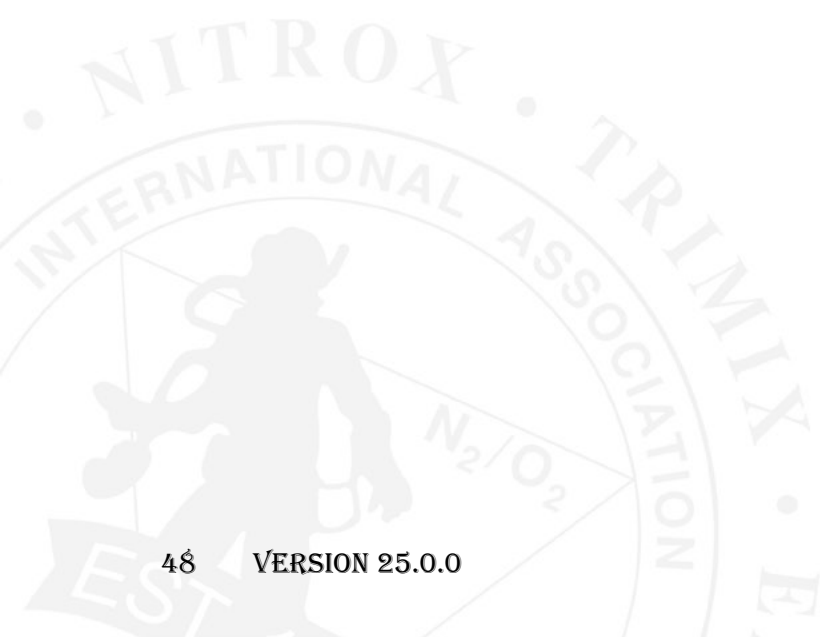
1. Student to Instructor Trainer Ratio:
  - a. There may be no more than 4 students per Instructor in open water.
2. No dives may be conducted to depths greater than 100 fsw (30 msw).
3. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
4. As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.
5. Any equipment used in the open water phase of the course must be trained with in the confined water session of the course.

## **F. Water Skills Development**

1. Under the direct supervision of a safety diver and while wearing a blacked out mask perform the following:
  - a. Underwater obstacle course consisting of two (2) workstations and one (1) impediment efficiently and effectively.
  - b. Demonstrate three (3) of six underwater search methods

## **G. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 45



## PSD - Contaminated Water Instructor

► **BE SURE TO CHECK PSD INSTRUCTOR PROGRAM - GENERAL STANDARDS (Pg 41).**

### Who may teach this course?

1. A PSD Contaminated Water Instructor Trainer may teach this course.

### A. Purpose

1. To train Instructors to train Divers to operate in contaminated waters, limited visibility while employing structured methods in the retrieval of submerged evidence and its potential use in a court room.

### B. Prerequisites

1. Special Condition:
  - a. Being a police officer, firefighter or working directly with a public safety team
2. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Public safety Diver Instructor or equivalent for 1 year or equivalent.
    - II. IANTD Contaminated Water Specialist Diver or equivalent
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
3. Age requirement:
  - a. Must be a minimum of 21 years of age.
4. Dive Experience:
  - a. Must have completed 100 logged dives as a PSD Diver in operational or training situations.
  - b. Must proof a minimum of 50 contaminated water dives.

### C. Program Content

1. The program must include academic classes of diving techniques in contaminated water up to category 1, encapsulated with full face diving, snorkeling encapsulated with diving helmet, decontamination.

### D. Equipment & Text Requirements

1. All listed in item required equipment for the environment where the diver will be trained.
2. All Equipment Requirements listed in the IANTD Public Safety Diver Program are mandatory.
3. IANTD Public Safety Diver Student Kit.
4. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
5. All students shall come equipped with two (2) methods of cutting line.
6. One body recovery system.
7. Lines and rigging.
8. Safety Harness.
9. Tether Line.
10. Dry Suit.
11. Full Face Mask.
12. Appropriate environmental protection as set forth by industry standards.
13. Safety Reel and Lift Bag.

## **E. Program Limits**

1. Student to Instructor Trainer Ratio:
  - a. There may be no more than 2 students per Instructor in open water.
2. No dives may be conducted to depths greater than 100 fsw (30 msw).
3. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
4. All open water dives must be accompanied by an instructor PSD.
5. Any equipment used in the open water phase of the course must be trained with in the confined water session of the course.
6. When using weapons for items searched they must be inoperable
7. The diver should be in communication with the surface, preferably using phony
8. Any equipment to be used in open water must first be trained in confined waters.
9. No training dive must be done in water with higher contamination than category 3.

## **F. Water Skills Development**

1. Confined Water Skills:
  - a. A confined water session must be conducted before any open water dive.
  - b. Use of a PSD Dry Suit
  - c. Use of redundant gas supply without exposure the diver.
  - d. Communication with surface using cable and telephony
  - e. Use of full face with dry suit - encapsulated.
  - f. Use of helmet with dry suit - encapsulated.
  - g. Diver decontamination and equipment for Category 1
2. Open Water Skills
  - a. Operating simulated public safety diving in waters contaminated with Category 2. The operation must comply with all the steps of receiving the mission until the debriefing
  - b. Operating simulated public safety diving in waters contaminated with Category 1. The operation must comply with all the steps of receiving the mission until the debriefing.

## **G. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 45



## PSD - U/W Crime Scene Investigator IDP

► **BE SURE TO CHECK PSD INSTRUCTOR PROGRAM - GENERAL STANDARDS (Pg 41).**

### Who may teach this course?

1. A Underwater Crime Scene Specialist Instructor Trainer may teach this course.

### A. Purpose

1. To train Instructors to train Divers to operate in an U/W Crime Scene, limited visibility while employing structured methods in the retrieval of submerged evidence and its potential use in a court room.

### B. Prerequisites

1. Special Condition:
  - a. Being a police officer, firefighter or working directly with a public safety team
2. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Public safety Diver Instructor or equivalent for 1 year.
    - II. IANTD U/W Crime Scene Investigator Specialist Diver or equivalent.
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
3. Age requirement:
  - a. Must be a minimum of 21 years of age.
4. Dive Experience:
  - a. Must have completed 100 logged dives as a PSD Diver in operational or training situations.
  - b. Must proof a minimum of 50 participation on U/W Crime Scenes Operations.

### C. Program Content

1. The program must include academic classes in search and recovery, evidence recovery and chain of custody rules. Equipment used to conduct and preserve evidence. Determining area to be searched through investigative interviews.

### D. Equipment & Text Requirements

1. All Equipment Requirements listed in the IANTD Public Safety Diver Program are mandatory.
2. IANTD Public Safety Diver Student Kit.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
4. All students shall come equipped with two (2) methods of cutting line.
5. One body recovery system.
6. Lines and rigging.
7. Safety Harness.
8. Tether Line.
9. Dry Suit.
10. Full Face Mask.
11. Appropriate environmental protection as set forth by industry standards.
12. Safety Reel and Lift Bag.



## **E. Program Limits**

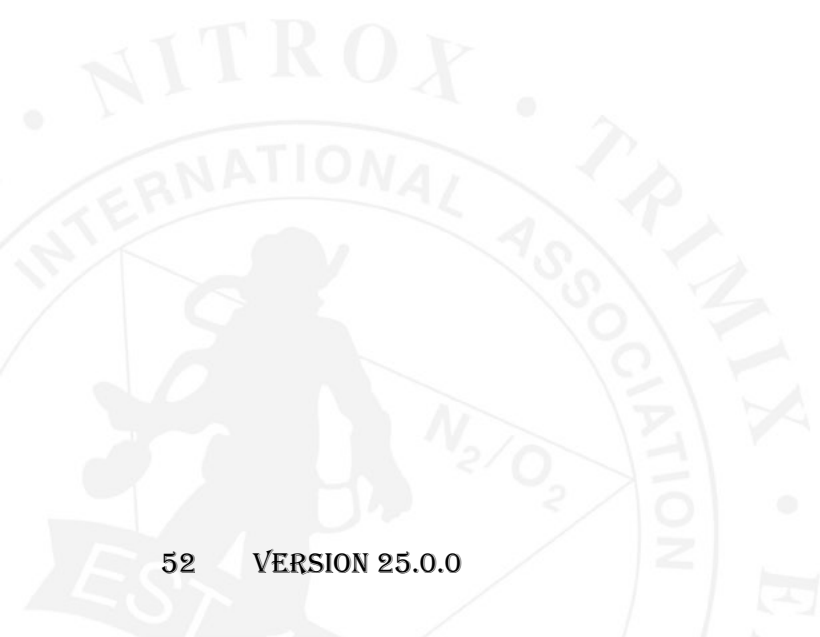
1. Student to Instructor Trainer Ratio:
  - a. There may be no more than 2 students per Instructor in open water.
2. No dives may be conducted to depths greater than 100 fsw (30 msw).
3. All open water dives must be under the indirect supervision of the Instructor.
4. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
5. As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.
6. Any equipment used in the open water phase of the course must be trained with in the confined water session of the course.
7. When using weapons for items searched they must be inoperable

## **F. Water Skills Development**

1. Training should be conducted in a safe place that does not have a higher contamination category 3.
2. Perform search patterns as covered in the course.
3. Plan, organize and conduct an effective underwater crime scene.
4. Locate evidence, mark location and properly package and prepare for record keeping.
5. Properly interview witnesses and potential violator to establish crime scene area.
6. Recover evidence and complete a full report documenting all evidence to include a crime scene diagram.

## **G. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 45



## PSD - Hull Search Instructor Development Program

► **BE SURE TO CHECK PSD INSTRUCTOR PROGRAM - GENERAL STANDARDS (Pg 41).**

### Who may teach this course?

1. A Hull Search Diver Specialist Instructor Trainer may teach this course.

### A. Purpose

1. To train Instructors to train Divers to operate in an U/W Crime Scene, limited visibility while employing structured methods in the retrieval of submerged evidence and its potential use in a court room.

### B. Prerequisites

1. Special Condition:
  - a. Being a police officer, firefighter or working directly with a public safety team
2. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Public safety Diver Instructor or equivalent for 1 year.
    - II. IANTD Hull Search Diver Specialist Diver or equivalent
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
3. Age requirement:
  - a. Must be a minimum of 21 years of age.
4. Dive Experience:
  - a. Must have completed 100 logged dives as a PSD Diver in operational or training situations.
  - b. Must proof a minimum of 50 Hull Search Dive Operations.

### C. Program Content

1. The program must include academic classes in search of underwater hulls; Diver decontamination techniques and equipment; study and visualization dry shipyard in the parts of the ship and its dangers; legislation and pre dive check list with the Commander of the ship; search for drugs and explosives in casks and docks.

### D. Equipment & Text Requirements

1. All Equipment Requirements listed in the IANTD Public Safety Diver Program are mandatory.
2. IANTD Public Safety Diver Student Kit.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
4. All students shall come equipped with two (2) methods of cutting line.
5. One body recovery system.
6. Lines and rigging.
7. Safety Harness.
8. Tether Line.
9. Dry Suit.
10. Full Face Mask.
11. Appropriate environmental protection as set forth by industry standards.
12. Safety Reel and Lift Bag.

## E. Program Limits

1. Student to Instructor Trainer Ratio:
  - a. There may be no more than 2 students per Instructor in open water.
2. No dives may be conducted to depths greater than 100 fsw (30 msw).
3. All open water dives must be accompanied by an instructor PSD.
4. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
5. As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.
6. Any equipment used in the open water phase of the course must be trained with in the confined water session of the course.
7. When using weapons for items searched they must be inoperable

## F. Water Skills Development

► *NOTE: Practice of gear configuration include redundancy, and streamlining.*

► *NOTE: Skills in the course are to be taught and practiced in a pool or confined water before moving into the overhead environment dives*

1. Perform an "S" drill prior to commencement of all dives.
2. Training should be conducted in a safe place that does not have higher contamination category 3.
3. Check pre dive with the ship's Commander.
  - a. Assure that all intakes are shut down and ship has been rendered safe.
4. Identification of the parts of the ship, as seen in dry yard, together with the instructor.
5. Scans the hull or dock, divers using a line/rope between them and with the surface.
6. A simulated operation locating drugs or explosives hull or dock, all developing steps occurring to the debriefing.
7. Become proficient in the following propulsion techniques:
  - a. Modified flutter
  - b. Standard shuffle kick
8. Swim a distance of 75 feet (23 meters) without a mask.
9. In the overhead environment practice:
  - a. Running the line
10. Swim in a simulated out of air situation:
  - a. swimming inverted.
  - b. simulate entanglement.
11. Without breathing and exhaling slowly swim a distance of at least 40 feet (12 meters), and commence.
12. Gas sharing; or appropriate gas management drill for out of air diver.
13. While gas sharing, continue to swim for a distance of at least 2 minutes while maintaining a swim.
14. Perform valve shutdowns.
15. Close and open tank valves on all dives.

## G. Physical Evaluation

1. Complete the Sport Diving Instructor Watermanship - Page 45

## PSD - Lifting Specialist Instructor Development Program

► **BE SURE TO CHECK PSD INSTRUCTOR PROGRAM - GENERAL STANDARDS (Pg 41).**

### Who may teach this course?

1. A PSD Lifting Specialist Diver Instructor Trainer may teach this course.

### A. Purpose

1. To train Instructors to train Divers to refloat vehicles, evidences etc... in limited visibility while employing structured methods in the retrieval of submerged evidence and its potential use in a court room.

### B. Prerequisites

1. Special Condition:
  - a. Being a police officer, firefighter or working directly with a public safety team
2. Certification Requirements:
  - a. Must be qualified as an:
    - I. IANTD Public safety Diver Instructor or equivalent for 1 year.
    - II. IANTD Lifting Specialist Diver or equivalent
    - III. IANTD CPR or equivalent
    - IV. IANTD First Aid or equivalent
    - V. IANTD Oxygen Administrator or equivalent
3. Age requirement:
  - a. Must be a minimum of 21 years of age.
4. Dive Experience:
  - a. Must have completed 100 logged dives as a PSD Diver in operational or training situations.
  - b. Must proof a minimum of 50 participation on Lifting Operations.

### C. Program Content

1. The program must include academic classes of refloating techniques using Lifting bags, open, closed, multiplication forces, use of chains, cables, winches, cranes, protection and decontamination of the diver and equipment.

### D. Equipment & Text Requirements

1. All Equipment Requirements listed in the IANTD Public Safety Diver Program are mandatory.
2. IANTD Public Safety Diver Student Kit.
3. Fulfill all Equipment Requirements as specified in the general Sport Diver Programs overview.
4. All students shall come equipped with two (2) methods of cutting line.
5. One body recovery system.
6. Lines and rigging.
7. Safety Harness.
8. Tether Line.
9. Dry Suit.
10. Full Face Mask.
11. Appropriate environmental protection as set forth by industry standards.
12. Safety Reel and Lift Bag.

## **E. Program Limits**

1. Student to Instructor Trainer Ratio:
  - a. There may be no more than 2 students per Instructor in open water.
2. No dives may be conducted to depths greater than 100 fsw (30 msw).
3. All open water dives must be accompanied by an instructor PSD.
4. Appropriate safety stops must be performed and all dives shall be within normal no-decompression limits.
5. As an industry standard all solo Public Safety Diving shall be accomplished with a diver that is tethered.
6. Any equipment used in the open water phase of the course must be trained with in the confined water session of the course.
7. When using weapons for items searched they must be inoperable

## **F. Water Skills Development**

1. Confined Water Skills:
  - a. The skills must be trained using mask with black or covered glass.
  - b. A safety diver must be present in all open waters sessions.
  - c. Use of Lifting bags for simply refloating; staged with a bag elevator; submerged cargo turning.
  - d. System Installation guide with force multiplication for use crane and in load anchorage.
2. Open Water Skills
  - a. Refloating simply vehicles; staged submerged and turning using Lifting bags
  - b. Simulated public safety dive occurrence for vehicle refloating using lifting bag. The occurrence must follow all standard steps in the Course PSD, from receiving to the debriefing.
  - c. Simulated public safety dive occurrence for vehicle refloating using winches or crane. The occurrence must follow all standard steps in the Course PSD, from receiving to the debriefing.

## **G. Physical Evaluation**

1. Complete the Sport Diving Instructor Watermanship - Page 45





## Elite PSD Instructor

### A. Purpose

1. This certification has been designed to provide PSD Instructors with the highest recognition in the PSD Instructor level before entering the PSD Instructor Trainer Program

### B. Prerequisites

1. Certifications requirements:
  - a. Must be qualified in:
    - I. IANTD PSD Instructor or equivalent.
    - II. Must have 3 of the 4 following certifications::
      - i. IANTD PSD - Contaminated Water Instructor
      - ii. IANTD PSD - U/W Crime Scene Investigator Instructor
      - iii. IANTD PSD - Hull Search Instructor
      - iv. IANTD PSD - Lifting Specialist Instructor
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 150 non-training logged PSD Missions.

### C. Program Content

1. N/A

### D. Equipment Requirements

1. N/A

### E. Program Limits

1. N/A

### F. Water Skills Development

1. There is no water skills required.

### G. Application Procedure

1. Fill & submit the Elite PSD Instructor Application Form.
2. Submit copies of the certification levels to an IANTD Instructor, HQ or local licensee.



## Instructor Trainer 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.**

► **Refer to the IANTD Sport Diving Standards (OC) - Open Water EANx Instructor Trainer Development Program**

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 IANTD Licensee approval;
  - b. Providing documentation of actively teaching IANTD programs;
  - c. No active Quality Assurance Complaint.
  - d. Achieving 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>		

**In order to upgrade to any IT Rating, the required number of certifications MUST be IANTD only.**



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