



ERDI

Standards and Procedures Manual

Part 4: Leadership Standards

EMERGENCY RESPONSE DIVING INTERNATIONAL

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Revision History

Revision Number	Date	Changes
1.0	08/01/2004	The manual is new.

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6.0	11/01/2005	Punctuation corrections made.
7.0	10/27/2006	Language corrections made.
8.0	11/13/2007	Minor editorial changes.
9.0	12/31/2009	Included NDSI rating. Minor edits.
11.0	01/01/2011	Major editorial changes. Version 9 and 10 bypassed to standardize all versions.
12.0	01/01/2012	Minor edits
12.1	06/01/2012	1.1 Added Definitions
13.0	01/01/2013	Modified Instructor Trainer prerequisites
14.0	01/01/2014	No Changes.
14.1	04/01/2014	6.6 Added a new 6.6 that lists the ERDI IT Swim requirements. 6.7 Clarified requirements for upgrading to the IT level for ERDI programs.
14.2	10/01/2014	4.1 Clarified who the ERDI Non-Open Water Instructor is designed for. 4.2 Changed CPROX 1st prerequisite to include AED. 4.5 Updated Required Materials list. 5.2 Deleted Supervisor as a prerequisite. Changed CPROX 1st prerequisite to include AED. 5.4 Clarified who can teach the ERDI Instructor. 5.5 Updated the Required Materials list.
15.0	01/01/2015	No Changes.
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15.2	08/01/2015	2.12 Certification requirements: Eliminated ERDI Supervisor written test.
15.3	11/01/2015	Page Two: Headquarters information updated.
16.0	01/01/2016	No Changes.
16.2	07/01/2016	2.10 Clarified Time completion requirements for watermanship exercises. 4.10.4 Clarified Time completion requirements for watermanship exercises. 5.10 Clarified Time completion requirements for watermanship exercises.
17.0	01/01/2017	No Changes.
18.0	01/01/2018	1.1 Added definition of prerequisites. 4.1 clarified SDI IDC/IE requirement. 4.2 added prerequisite of SDI Divemaster or equivalent. 4.3 added to qualifications of graduates all courses an SDI OWSDI may teach. 4.4 added SDI IT may teach the SDI IDC portion of the course.

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		4.9 added new item 13. 4.10 added new item 10 to IDC and new item 5 to IEC.
19.0	01/01/2019	Clarified CPR, First aid and oxygen administration certification requirements. 3.1.3 Clarified courses the N-DSI can teach. Formatting updated.
0120	01/01/2020	6. ERDI Instructor Trainer Standards rewritten.
0121	01/01/2021	No Changes.
0221	02/01/2021	International Training Crossover Course Standards added.
0122	01/01/2022	1.1 Added definition for Required Materials. 2.2, 4.2, 5.2 Changes to clarify logged dive requirement in leadership level standards.
0122a	01/01/2022	No Changes.
0123	08/25/2022	1.2 Membership Agreement added. 2.2.3, 3.5.5, 4.2.6, 5.2.6 Changed first aid, cpr and oxygen certification requirements in courses to reference the appropriate First Response courses. 3.7 Removed physician-signed medical requirement from Non-Diving Specialty Instructor course prerequisites.
0124	01/01/2024	No Changes.

1. Disclaimer

Emergency response diving generally is a hazardous activity requiring significant training, good physical fitness and a working knowledge of the inherent risk associated with these activities. This manual is not intended to and cannot replace a comprehensive training program conducted by a qualified instructor.

Neither the authors of this manual, Emergency Response Diving International (ERDI), Scuba Diving International (SDI), Technical Diving International (TDI), International Training (IT), nor any party associated with Emergency Response Diving International (ERDI), Scuba Diving International (SDI), Technical Diving International (TDI), International Training (IT) can nor will accept responsibility for accidents or injuries resulting from the use of the materials contained herein, the activity of scuba diving generally, or the activities associated with emergency response diving specifically.

1.1 Definitions

Assistant or Assisted by = A person who is assisting a primary and certified instructor, Course Director or instructor trainer for a course that they, the "assistant", is not certified to teach. Assistants can be used for the purposes of additional supervision and to increase ratios where standards and environmental conditions allow. Assistants listed on registrations will receive experience credits for courses they have assisted with only if listed on the initial registration form.

Co-Teach or 2nd Instructor = A person who is certified to teach the course taking place and is working together with an also certified instructor, Course Director or instructor trainer. The 2nd instructor will receive equal credit for the course if listed on the initial registration form.

Required Materials = Materials required for a course. Any candidate for a leadership level course must possess all the required materials for that course during and after training.

Student Prerequisites = conditions that must be met by students prior to beginning a course. These cannot be completed during the course unless specifically outlined in the standard. Conditions listed here cannot be waived by the instructor. Written standards waivers for prerequisites may be issued by the HQ training department depending on the course, dive site, and the specific prior experience of course participants.

Note: Cylinder capacities used in the ERDI Standards are based on manufacturer values or generalized conversions and are NOT exact conversions from metric to imperial due to variance in cylinder volume and working pressures. If you use metric cylinders, please use the metric size cylinder listed; likewise, if you use imperial cylinders, please use the imperial size cylinder listed, I.E., 3 litres/18 cubic Feet.

Note: Leadership level registrations, including upgrades and crossovers, are not complete until SDI/TDI/ERDI Headquarters has verified and processed the individual's documentation and credentials. An individual may not function at the level(s) being registered until they have received verification of their certification level(s) from the SDI/TDI/ERDI Headquarters. Verification can be achieved by checking online profile, email or verbal notification from SDI/TDI/ERDI Headquarters.

1.2 Membership Agreement

Any new member must submit a signed Membership Agreement with leadership level registration documents.

2. Supervisor

2.1 Introduction

The purpose of the ERDI Supervisor course is to qualify an experienced emergency response diver to supervise emergency response diving teams. It also serves as a base to develop leadership qualities and as a prerequisite to ERDI Instructor Training.

2.2 Student Prerequisites

Minimum age 18.

Must be ERD II certified or equivalent.

Provide proof of current First Response Adult and Child Emergency Care Provider and Oxygen Administration Provider certification or equivalent. Note: First Response courses may be combined with the rescue diver course by qualified instructors.

Provide proof of 50 public safety logged dives, combined operational and training, as a member of a recognized public safety dive team. Logged dives are those dives where the diver was underwater on scuba. Surface support dives do not count toward this requirement.

Have a current medical examination for diving.

2.3 Qualifications of Graduates

Upon successful completion of this course, graduates may supervise emergency response diving operational calls and assist ERDI Instructors as appropriate providing that all training conform to NFPA 1006, 1561 and 1670 guidelines or for regions not governed by National Fire Protection Association (NFPA), any regulatory or legal requirements that apply to professional and/or volunteer public safety and emergency response divers.

2.4 Who May Teach

Any active ERDI Instructor may teach this course.

2.5 Administrative Requirements

1. Have the students complete the:
 - a. *ERDI Liability Release and Express Assumption of Risk* Form.
 - b. *ERDI Medical Statement* Form.

2. Communicate the schedule of the course to the students.
3. Ensure that the students have the required equipment.

Certification:

1. Upon successful completion of an ERDI course the instructor trainer must Complete and submit the appropriate leadership registration Form to ERDI Headquarters.

The following materials are required for the ERDI Supervisor course:

1. *ERD Response Diver I* Manual or eLearning course.
2. *ERDI Standards and Procedures* Manual.
3. *SDI Divemaster* Manual.
4. National Fire Protection Association (NFPA) Standards 1006, 1561, 1670 or most current standards.

Note: The NFPA Standards may be found online at www.nfpa.org.

The following materials are recommended for the ERDI Supervisor course:

Encyclopedia of Underwater Investigations by Cpl. Robert G. Teather C.V.

2.6 Instructor to Student Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. A maximum of 6 students per ERDI Instructor (6:1).
2. ERDI Instructors have the option of adding 2 more students with the assistance of an active ERDI Supervisor.
3. The maximum number of students an ERDI Instructor may have in confined water is 14 with the assistance of active ERDI Supervisors.

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. A maximum of 6 students per ERDI Instructor are allowed.
2. It is the instructor's discretion to reduce this number as conditions dictate.

2.7 Course Structure and Duration

Open Water Execution:

1. The student must complete 2 open water dives.
2. The student must supervise 4 simulated incident scenarios.
3. The maximum depth must not exceed 18 Metres/60 Feet on any dive.
4. All dives must be completed during daylight hours.
5. Upon successful completion of the dives, the student must complete his logbook and the ERDI Instructor must sign off on the completed dives.

Upon successful completion of the course the instructor trainer must:

1. Complete and submit the appropriate leadership registration form to ERDI Headquarters.

Course Structure:

1. ERDI allows instructors to structure courses according to the number of participants and their skill level.

Duration:

1. Classroom and briefing: Approximately 40 hours.
2. Confined water: Approximately 6 hours.

2.8 Required Equipment

Same equipment as required for an ERD I Diver.

2.9 Academic Outline

1. History of ERDI and International Training.

ERDI Standards and Procedures.

Liability and Insurance:

- a. Risk management.
- b. Waivers and releases.
- c. Accident/Incident report form completion.

Products and Procedures:

- d. How to place an order.
- e. Renewals.

Knowledge Development:

- f. Professionalism and ethics.

- g. Physics.
- h. Physiology and diving injuries.
- i. Equipment.
- j. Dive site supervision.
- k. Diving logs and checklists.

Special Activities Requiring Special Supervisory Procedures:

- l. Confined water procedures.
- m. Open water procedures.

Anatomy of a Public Safety Diving Accident:

- n. The panic circle as a factor in accidents.
- o. Training for panic prevention.
- p. Common accident types.
- q. Proper intervention.

Occupational Safety and Health Administration (OSHA) Regulations:

- r. CFR 29, Part 1910.
- s. www.OSHA.gov.

National Fire Protection Association (NFPA) Guidelines:

- t. NFPA 1006:
 - i. Standard for Rescue Technician Professional Qualifications.
- u. NFPA 1561:
 - i. Standard for Emergency Services Incident Management System.
- v. NFPA 1670:
 - i. Standard on Operations and Training for Technical Search and Rescue Incidents.
- w. www.nfpa.org.

Supervising and Controlling Divers in Varying Conditions:

- x. Incident management systems (IMS).
- y. NFPA 1561.
- z. Risk benefit analysis.
- aa. Communications.
- bb. Patterns.

cc. Observations.

Cooperation with Interagency Operations:

dd. Cross training.

ee. Communications.

ff. Liaison.

Interviewing Techniques:

gg. Separate multiple witnesses if possible.

hh. Establish rapport.

ii. Contact info.

jj. Validating information.

kk. Interviewing away from scene.

Interaction with Victim's Families:

ll. Keeping informed.

mm. Isolate from scene.

nn. Assign team member to family.

oo. Proper handling of victim.

Interaction with Bystanders:

pp. Isolate.

qq. Use as needed; information.

Interaction with Media:

rr. Public information officer.

ss. Family should hear information first.

tt. Accurately describe the mission, hazards, operations.

uu. Nothing should ever be "off-the-record".

vv. Turn Media/Press into friend.

2.10 Confined Water Outline

Students are required to successfully complete the following skills:

1. 800-Metre mask, snorkel and fins swim non-stop in less than 16 minutes. Use of arms is not permitted.

2. 500-Metre distance swim, nonstop, without the use of swim aids in less than 14 minutes.
3. 100-Metre approach to a fully suited diver followed by a 100 Metre diver tow in less than 4 minutes.
4. Survival-float, without aids, for 15 minutes. During the last 2 minutes the students will keep their hands above the waterline.

The following skills are recommended as watermanship development skills of which the ERDI Instructor should use 2:

1. Three diver weight belt support exercise, consisting of:
 - a. Working together in water too deep to stand in, 3 students will support, above the water line, a weight belt with 14 kilograms/30 pounds for 5 minutes.
 - b. Simulated bailout consisting of blacked out mask, switching to redundant air supply, bailout of primary and surfacing.
 - c. Swim at least 8 Metres/25 Feet underwater without a mask, recover, don and clear the mask prior to surfacing.

2.11 Open Water Performance Requirements

During all open water training there will be an ERDI Supervisor, Instructor or Instructor Trainer present and equipped to respond to an in-water emergency at all times.

During any in-water training, NFPA 1006 and NFPA 1670 standards must be followed, or for regions not governed by NFPA, any regulatory or legal requirements that apply to professional and/or volunteer public safety and emergency response divers.

Student will satisfactorily perform the following emergency response diving skills:

1. Recover a drowning victim, demonstrating correct procedures for handling including evidence recovery, utilizing any search pattern.
2. Recover a small object demonstrating correct procedures for handling including evidence recovery, utilizing any search pattern.
3. Act as incident commander, in compliance of NFPA 1561, or for regions not governed by NFPA, any regulatory or legal requirements that apply to professional and/or volunteer public safety and emergency response divers at 4 separate simulated incident scenarios. Student will:
 - a. Assess and secure scene.
 - b. Brief and deploy team.

- c. Supervise the recovery of a small object, large object, victim recovery, and primary diver in trouble.
 - d. Supervise decontamination procedures for each dive.
 - e. Debrief the team.
4. Demonstrate the ability to successfully complete a rescue of an inert diver from a depth of no more than 6 Metres/20 Feet in black water or simulated black water to include locating the diver using a tether, ascending with the diver maintaining an open airway and towing the diver 100 Metres/330 Feet in less than 4 minutes.
5. Demonstrate the ability to safely approach and provide assistance to a panicked diver on the surface.

2.12 Certification Requirements

1. Assist with 1 complete ERD I or ERD II course.
2. Satisfactorily complete all academic, confined water and open water requirements.
3. Satisfactorily complete swim evaluation requirements.

3. Non-Diving Specialty Instructor

3.1 Introduction

The ERDI Non-Diving Specialty Instructor course is designed to teach non-diving members of a public safety dive team, the knowledge to safely function as an independent instructor of the non-diving specialties listed below:

1. Visual Inspection Procedures.
2. ERDI Tender.
3. Other non-diving ops components or specialties, for example unique specialties, that are offered by ERDI (subject to headquarters approval).

In order to become an instructor for one of the above courses, a candidate must be certified by a qualified instructor trainer. Experience-based upgrades are not available.

Instructors who hold equivalent certifications with another recognized agency who wish to cross over as a non-diving specialty instructor may do so by applying via current instructor crossover procedures.

3.2 Qualifications of Graduates

Upon successful completion of this course, graduates may teach the appropriate ERDI Non-Diving Specialty.

Note: The candidate may be certified to teach multiple specialties at once, provided all corresponding prerequisites and graduation requirements are met and the instructor trainer conducting the course is qualified.

3.3 Who May Teach

An active ERDI Instructor Trainer who is qualified to teach the instructor level specialty the candidate will be teaching after graduation.

3.4 Student to Instructor Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. A maximum of 16 students per ERDI Instructor Trainer (16:1).

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. A maximum of 10 students per ERDI Instructor Trainer (10:1).

3.5 Student Prerequisites

1. Minimum age 21.
2. Affiliated with an ERDI facility.
3. Minimum of 1 year experience at the user level for the specialty which will be taught after graduation.
4. Meet all prerequisites for the corresponding instructor level specialty they will teach after graduation.
5. Provide proof of current First Response Adult and Child Emergency Care Provider certification or equivalent. **Note:** First Response courses may be combined with the instructor course by qualified Instructor Trainers.

3.6 Course Structure and Duration

A minimum of 20 hours for the entire course; 15 hours must occur under the direct supervision of a current instructor trainer.

3.7 Administrative Requirements

Administrative Tasks:

1. Collect the course fees from all the students.
2. Ensure that the students have the required equipment.
3. Communicate the schedule to the students.
4. Have the students complete the:
 - a. *ERDI Liability Release and Express Assumption of Risk Form.*
5. Communicate the schedule of the course to the students.

Upon successful completion of the course the instructor trainer must:

1. Complete and submit the appropriate leadership registration form to ERDI Headquarters.

3.8 Training Material

Required Material:

1. *ERDI Standards and Procedures* Manual.
2. *ERDI Instructor Trainer* Manual.
3. *SDI Assistant Instructor* Manual.
4. Any materials required by current standards for the specialty being taught after graduation.

3.9 Required Equipment

Any equipment required by the current standard(s) appropriate to the specialty being taught by the candidate after graduation.

3.10 Required Subject Areas

Instructor trainers may use any additional text or materials that they feel help present these topics.

The following topics must be covered:

1. ERDI Standards and Procedures.

History of ERDI.

Products and Procedures:

- a. How to place an order.
- b. Registration procedures.
- c. Yearly renewals.
- d. Liability and insurance.

Risk Management:

- e. Waivers and releases.
- f. Filling out an accident/incident report.

Methods of Instruction:

- g. Teaching theory, methods and oral communications.
- h. Lesson preparation:
 - i. In the classroom.
 - ii. Confined water.
 - iii. Open water.
- i. Use of training aids.

- j. Home study program, use of knowledge quest.

Successfully Selling Courses:

- k. Budgeting courses.
- l. Recruiting students.
- m. Organizing and scheduling a course.
- n. Retail sales.

Instructor Ethics.

All Course Content for the Specialty the Candidate will be Teaching after Graduation.

3.11 Required Skill Performance and Graduation Requirements

In order to complete this course, the student is required to pass all the following:

1. Present a minimum of 3 academic presentations; a minimum of 15 minutes long, on subjects from the ERDI Specialty they will be teaching after graduation.
2. Present a minimum of 2 practical presentations; a minimum of 15 minutes long, on subjects from the ERDI Specialty they will be teaching after graduation.
3. Satisfactorily complete all skill performance and graduation requirements for the ERDI Specialty they will be teaching.
4. Demonstrate the ability to correctly remediate exam questions with a student.
5. Satisfactorily complete the standards and procedures instructor exam.
6. Demonstrate mature and sound judgment concerning class planning and execution.

3.12 Course Credit

Graduates of the ERDI Non-Diving Specialty Instructor Course may upgrade to other non-diving specialties without completing the full course again. However, all prerequisites, skill performance and graduation requirements for any additional specialty must be met and it must be conducted by an active and qualified instructor trainer.

4. Non-Open Water Instructor

4.1 Introduction

The ERDI Non-Open Water Instructor Course is for individuals that do not currently hold a recreational scuba instructor certification through a recognized agency.

This program is designed to teach current ERDI Supervisors the knowledge to safely function as an independent SDI and ERDI Instructor. The program is divided into two sections, an instructor development course (IDC) and an instructor evaluation course (IEC). Completion of the SDI instructor development course (IDC) and SDI instructor evaluation course (IEC) is required but may be combined with this course.

4.2 Student Prerequisites

1. Minimum age 18.
2. Have a current medical examination for diving.
3. Certified as ERDI Dry Suit Ops and ERDI Full Face Mask Ops or equivalent.
4. Certified as ERDI Supervisor or equivalent or Certified as an SDI Divemaster or equivalent.
5. Provide proof of 100 dives, of which 75 need to be public safety dives, combined operational and training. Logged dives are those dives where the diver was underwater on scuba. Surface support dives do not count toward this requirement.
6. Provide proof of current First Response Adult and Child Emergency Care Provider and Oxygen Administration Provider certification or equivalent.

Note: First Response courses may be combined with the instructor course by qualified Instructor Trainers

4.3 Qualifications of Graduates

Upon successful completion of this course, graduates may teach:

1. ERDI Tender.
2. ERD I.
3. ERD II.
4. ERDI Supervisor courses.
5. All courses an SDI Open Water Scuba Diver Instructor may teach.

4.4 Who May Teach

1. Any active ERDI Instructor Trainer may teach the ERDI Instructor Development Course (IDC).
2. A separate active ERDI Instructor Trainer must teach the ERDI Instructor Evaluation Course (IEC).
3. An active SDI Course Director or SDI Instructor Trainer may conduct the SDI IDC portion for the course.
4. Two ERDI Instructor Trainers may also teach both the IDC and the IEC together.

4.5 Administrative Requirements

Administrative Tasks:

1. Have the students:
 - a. Complete the *ERDI Liability Release and Express Assumption of Risk* Form.
 - b. Submit the *ERDI Medical Statement* Form signed by a licensed physician.
2. Communicate the schedule of the course to the students.
3. Ensure that the students have the required equipment.

Upon successful completion of the course the instructor trainer must:

1. Complete and submit the appropriate leadership registration form to ERDI Headquarters.

The following materials are required for the ERDI Instructor course:

1. *SDI Standards and Procedures*.
2. *SDI Open Water Instructor* Manual.
3. *SDI Rescue Instructor* Guide.
4. *SDI Rescue Scenario* Slates.
5. *ERDI Standards and Procedures*.
6. *ERDI 1 Instructor* Guide.
7. NFPA Standards 1006, 1561, 1670 or most current standards.

Note: These items may be found online at www.nfpa.org.

4.6 Student to Instructor Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. A maximum of 8 students per ERDI Instructor Trainer (8:1).

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. A maximum of 8 students per ERDI Instructor Trainer are allowed (8:1).
2. It is the instructor trainer's discretion to reduce this number as conditions dictate.

4.7 Course Structure and Duration

IDC Execution:

Candidate must be able to perform all skills required, to instructor level quality, for:

1. ERD I.
2. ERD II.
3. ERDI Supervisor.
4. SDI Open Water Scuba Diver.

The ERDI Instructor candidate has 6 months from the completion of the IDC to attend an IEC.

IEC Execution:

Provide the ERDI Instructor application to the evaluating instructor trainer prior to completion of the course.

Duration:

1. ERDI IDC: Approximately 60 hours.
2. ERDI IEC: Approximately 10 hours.

4.8 Required Equipment

Same equipment as required of an ERD I Diver.

4.9 Required Subject Areas

1. History of ERDI, International Training.

ERDI Standards and Procedures.

Products and Procedures:

- a. How to place an order.
- b. Yearly renewals.
- c. Liability and insurance.

Risk Management:

- d. Waivers and releases.
- e. Filling out an accident report.

Methods of Instruction:

- f. Teaching theory, methods and oral communications.
- g. Lesson preparation.
- h. In the classroom.
- i. In confined water.
- j. In open water.
- k. Use of training aids.
- l. Teaching emergency response diving skills.
- m. Teaching remedial scuba skills.

Teaching ERDI Programs:

- n. Budgeting courses.
- o. Recruiting students.
- p. Organizing and scheduling courses.

Instructor Ethics.

Public Safety Diving Accidents Review and Analysis.

Risk-benefit Analysis.

Anatomy of a Public Safety Diving Accident:

- q. The panic circle as a factor in accidents.
- r. Training for panic prevention.
- s. Common accident types.

- t. Proper intervention.

Occupation Safety and Health Administration (OSHA) Regulations.

National Fire Protection Association (NFPA) Standards:

- u. NFPA 1006.
- v. NFPA 1561.
- w. NFPA 1670.

All SDI IDC requirements for theory development.

4.10 Required Skill Performance and Graduation Requirements

IDC

The ERDI Instructor candidate must:

1. Teach a minimum of:
 - a. Two classroom presentations.
 - b. Two confined water presentations.
 - c. Two open water presentations.
2. Show preparation, planning and control in classroom management and dive activities.
3. Evaluation of scuba skills performance.
4. ERDI Instructor candidates will need to complete:
 - a. 800-Metre mask, snorkel and fins swim non-stop in less than 16 minutes. Use of arms is not permitted.
 - b. 500-Metre distance swim, nonstop, without the use of swim aids in less than 14 minutes.
 - c. 100-Metre approach to a fully suited diver followed by a 100 Metre diver tow in less than 4 minutes.
 - d. Survival-float, without aids, for 15 minutes. During the last 2 minutes the student will keep their hands above the waterline.
5. Demonstrate the ability to conduct an underwater search in black water or simulated black water using a tether line.
6. Demonstrate the ability to effectively tend a diver.
7. Demonstrate the ability to supervise the proper rigging and lifting, with lift bags, of a body sized object so that proper ascent rate is maintained, entanglements is minimized and a free fall area maintained below the object.

8. Demonstrate the ability to successfully complete a rescue of an inert diver from a depth of no more than 6 Metres/20 Feet in black water or simulated black water to include locating the diver using a tether, ascending with the diver maintaining an open airway and towing the diver one 100 Metres/330 Feet in less than 4 minutes.
9. 9. Demonstrate the ability to safely approach and provide assistance to a panicked diver on the surface.
10. All skills required in the SDI IDC.

IEC

ERDI Instructor candidates will successfully complete the following:

1. One classroom presentation.
2. One full lesson in confined water.
3. One full lesson in open water.
4. The ERDI Instructor examination.
5. All requirements of the SDI IEC.

The evaluating instructor trainer must verify all required subjects were covered and skills were performed.

5. Instructor

5.1 Introduction

The ERDI Instructor Course is designed to train current open water instructors with public safety diver experience, current open water instructors teaching independent public safety diver specialties and other public safety diver instructors. The program is divided into 2 sections, an instructor development course (IDC) and an instructor evaluation course (IEC).

5.2 Student Prerequisites

1. Minimum age 18.
2. Have a current medical examination for diving.
3. Be certified as ERDI Dry Suit Ops and ERDI Full Face Mask Ops or equivalent.
4. Be certified as an SDI Instructor or equivalent.
5. Must have logged at least 100 dives, of which 75 need to be public safety dives, combined operational and training, as a member of a recognized public safety dive team. Logged dives are those dives where the diver was underwater on scuba. Surface support dives do not count toward this requirement.
6. Provide proof of current First Response Adult and Child Emergency Care Provider and Oxygen Administration Provider (where local law permits) certification or equivalent.
Note: First Response courses may be combined with the instructor course by qualified Instructor Trainers.

5.3 Qualifications of Graduates

Upon successful completion of this course, graduates may teach:

1. ERDI Tender.
2. ERD I.
3. ERD II.
4. ERDI Supervisor courses.

5.4 Who May Teach

Any active ERDI Instructor Trainer may teach this ERDI Instructor Course.

5.5 Administrative Requirements

Administrative Tasks:

1. Collect the course fees from all the students.
2. Ensure that the students have the required equipment.
3. Communicate the schedule to the students.
4. Have the students complete the:
 - a. *ERDI Liability Release and Express Assumption of Risk* Form.
 - b. *ERDI Medical Statement* Form signed by a licensed physician.
5. Communicate the schedule of the course to the students.

Upon successful completion of the course the instructor trainer must:

1. Complete and submit the appropriate leadership registration form to ERDI Headquarters.

The following materials are required for the ERD Instructor course:

1. *ERDI Diver I Operations* Manual.
2. *ERDI Standards and Procedures* Manual.
3. *ERDI Instructor* Guides.
4. National Fire Protection Association (NFPA) Standards 1006, 1561, 1670.

Note: These items may be found online at www.nfpa.org.

5.6 Student to Instructor Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. A maximum of 8 students per ERDI Instructor Trainer (8:1).

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. A maximum of 8 students per ERDI Instructor Trainer are allowed (8:1).
2. It is the instructor trainer's discretion to reduce this number as conditions dictate.

5.7 Course Structure and Duration

IDC Execution:

Candidate must be able to perform all skills required, to instructor level quality, for:

1. ERD I.
2. ERD II.
3. ERDI Supervisor.

The ERDI Instructor candidate has 6 months from the completion of the IDC to attend an IEC.

IEC Execution:

1. Provide the ERDI Instructor application to the evaluating instructor trainer prior to completion of the course.

Duration:

1. ERDI IDC: Approximately 30 hours.
2. ERDI IEC: Approximately 6 hours.

5.8 Required Equipment

Same equipment as required of an ERD I diver.

5.9 Required Subject Areas

1. History of ERDI.

ERDI Standards and Procedures:

- a. Review of academic outline.

Products and Procedures:

- b. How to place an order.
- c. Yearly renewals.
- d. Liability and insurance.

Risk Management:

- e. Waivers and releases.
- f. Filling out an accident report.

Review of Teaching Methods.

Review of Emergency Response Diving Skills.

Public Safety Diving Accidents Review and Analysis.

Risk-benefit Analysis.

Anatomy of a Public Safety Diving Accident:

- g. The panic circle as a factor in accidents.
- h. Training for panic prevention.
- i. Common accident types.
- j. Proper intervention.

Occupational Safety and Health Administration (OSHA) Regulations.

National Fire Protection Association (NFPA) Standards:

- k. NFPA 1006.
- l. NFPA 1561.
- m. NFPA 1670.

5.10 Required Skill Performance

IDC:

The ERDI Instructor candidate must:

1. ERDI Instructor candidates will need to complete:
 - a. 800-Metre mask, snorkel and fins swim non-stop in less than 16 minutes. Use of arms is not permitted.
 - b. 500-Metre distance swim, nonstop, without the use of swim aids in less than 14 minutes.
 - c. 100-Metre approach to a fully suited diver followed by a 100 Metre diver tow in less than 4 minutes.
 - d. Survival-float, without aids, for 15 minutes. During the last 2 minutes the student will keep their hands above the waterline.
2. Demonstrate the ability to conduct an underwater search in black water or simulated black water using a tether line.
3. Demonstrate the ability to effectively tend a diver.
4. Demonstrate the ability to supervise the proper rigging and lifting, with lift bags, of a body sized object so that proper ascent rate is maintained, entanglements is minimized and a free fall area maintained below the object.

5. Demonstrate the ability to successfully complete a rescue of an inert diver from a depth of no more than 6 Metres/20 Feet in black water or simulated black water to include locating the diver using a tether, ascending with the diver maintaining an open airway and towing the diver 100 Metres/330 Feet in less than 4 minutes.
6. Demonstrate the ability to safely approach and provide assistance to a panicked diver on the surface.

IEC:

ERDI Instructor candidates will successfully complete the following:

1. One classroom presentation.
2. One confined water presentation.
3. One open water presentation.
4. The ERDI Instructor examination.

The evaluating instructor trainer must verify all required subjects were covered and skills were performed.

6. ERDI Instructor Trainer

6.1 Introduction

The Instructor Trainer Workshop (ITW) trains candidates as full evaluators to conduct the Instructor Evaluation Course (IEC) independently. A corresponding, current instructor level rating must be held for all IT levels, along with minimum student certifications as detailed in this outline. ERDI instructors must successfully complete the ITW to qualify for an upgrade to ERDI IT status. ITW course requirements are found in the SDI Instructor Trainer standards.

6.2 Policies for All Instructor Trainers

1. Instructor Trainers must be registered with International Training World Headquarters and the respective International Training Regional Office in their country of residence.
2. Upon completion of the Instructor Trainer Workshop, instructor trainers may upgrade to other IT levels without attending another Instructor Trainer Workshop provided they have remained actively teaching instructor courses.
3. Within ERDI, all of the courses require a minimum number of certifications, and some require a minimum number of dives before ERDI Instructors may obtain the instructor trainer level for that course.
4. Instructor trainers are required to teach a course at their highest certified level every 2 years.

IT upgrade requirements are as follows:

ERDI Level	Students Required	Dives Required
Instructor Trainer	200 total / 50 ERD	100
Confined Space Ops	10	30
Dry Suit Ops	10	25
Full Face Mask Ops	10	25
Hull Inspection Ops	20	35
Ice Diving Ops	25	50
Ice/Surface Rescue Ops	10	N/A

ERDI Standards and Procedures

Part 4: Leadership Standards

Night Ops	10	25
Rapid Water Ops	20	35
Small Boat Ops	10	N/A
U/W Crime Investigation	15	25
U/W Explosives Recovery Ops	40	50
U/W Threat Assessment Ops	10	35

Note: Unless otherwise specified, a minimum of 10 students must be certified at that level, before an individual may request an upgrade of the ERDI IT level.

7. International Training Crossover Course

7.1 Introduction

The course is designed to give professionals crossing over to any International Training professional certification – SDI, TDI, ERDI, PFI, First Response Training International - the necessary skills and knowledge to work with International Training. This program covers the minimum requirements for an administratively conducted professional crossover program. Certain courses, agencies or regions may require practical evaluations of performance as part of the crossover program. To see if a candidate requires any practical assessment, please contact the training department.

7.2 Qualifications of Graduates

Upon successful completion of this course, graduates may:

1. Conduct training courses and issue certifications for approved ratings and programs.

7.3 Who May Teach

1. An active Instructor Trainer or Course Director.
2. International Training-approved agency representative.
3. World HQ Training Department.

7.4 Student to Instructor Ratio

Academic:

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Confined Water (swimming pool-like conditions):

1. Unlimited, so long as adequate facilities, supplies and time are provided to ensure comprehensive and complete training of subject matter.

Open Water (ocean, lake, quarry, spring, river, or estuary):

1. Unlimited, so long as proper evaluation can be provided where open water evaluations are required.

7.5 Student Prerequisites

1. Have professional qualifications from an agency recognized by International Training. Contact the Training department for a list of approved agencies and courses.
2. Have no active quality assurance investigations or past quality assurance issues that prohibited teaching status or terminated membership. Quality assurance matters can be submitted to HQ Training Department for review and consideration.

7.6 Course Structure and Duration

In-water execution; where required this course must be conducted either in confined water, open water, or both, at the instructor's discretion and in accordance with the required skill performance:

1. Crossovers requiring in-water evaluations must follow that course's evaluation requirements. Evaluations may only be conducted by active Instructor Trainers holding IT status for the level being evaluated.

Course Structure:

1. International Training allows instructors to structure courses according to the number of students participating and their skill level.

Duration:

1. The number of hours required depends on the number of candidates and levels crossing over.

7.7 Administrative Requirements

Administrative Tasks:

1. Collect the course fees from all the students.
2. Ensure that the students have the required materials.
3. Ensure the candidates have been issued and completed the online familiarization course (if available in their language).
4. Communicate the schedule to the students.
5. Have the students complete the:
 - a. *Applicable Crossover Application*
 - b. *Waiver and Releases for any course requiring in-water evaluations.*
 - c. *ERDI Medical Statement Form* for any course requiring in-water evaluations.
6. Communicate the schedule of the course to the students.

Upon successful completion of the course the instructor must:

1. Crossover Application.
2. Crossover Checklist.
3. Copies of professional certification cards or printout of credentials from agency website.
4. Verification of professional Liability Insurance where applicable.
5. Printout of completed online familiarization course.
6. For levels requiring IT evaluation, an instructor registration form is signed by the evaluating IT.

7.8 Required Equipment

Equipment that is appropriate for level crossing over to when in-water evaluations are required.

The following material is required:

1. Code for online professional familiarization course (if available in language/region).
2. Appropriate Divemaster, Assistant Instructor, or Instructor materials.
3. Crossover Checklist.
4. Appropriate Crossover Application.

The following material is available and recommended:

1. Crossover/Familiarization PowerPoint.

7.9 Required Subject Areas

The following topics must be covered during this course:

1. Administrative requirements and crossover packages.

History of International Training:

- a. TDI.
- b. SDI.
- c. ERDI.
- d. First Response Training International.
- e. PFI.

Global representation:

- f. Regional Offices.

g. Local Sales Managers.

Technical Diving International:

h. Standards and procedures.

Scuba Diving International:

i. Standards and procedures.

Emergency Response Diving International:

j. Standards and procedures.

First Response Training International:

k. Standards and procedures.

Performance Freediving International:

l. Standards and procedures.

Risk management:

m. Waivers and Releases.

n. Medical requirements.

o. Insurance requirements.

Marketing with International Training:

p. Marketing resources.

q. Content development.

International Trainings services and benefits:

r. Website tools:

i. Accessing standards.

ii. Registering Professional-level qualifications and Upgrades.

iii. Registering divers.

iv. Renewing membership.

v. Instructor resources.

s. Purchasing student materials.

t. Teaching aids.

International Training's Pledge to you.

7.10 Required Skill Performance and Graduation Requirements

For certain certifications crossing over, candidates are required to successfully complete certain in-water skills and other performance requirements. These can be found in the instructor course standards in the Skill Performance and Graduation Requirements section.

In order to complete the crossover, candidates must:

1. Demonstrate mature and sound judgment and a thorough understanding of working with International Training.
2. The crossover is not complete until World HQ Training Department has reviewed all documents and the candidate has received their member number and proof of qualifications.