



Public Safety Services

Training - Product - Maintenance



Training

The Scuba School is operated and staffed by Glen Masker – PADI Master instructor. Capn Glen has over 45 years in the water beginning in the early seventies in the US Coast Guard. Trained as a boat captain, Search and recovery, and of course first aid in the USCG, He is an Emergency First response instructor, and an SDI/TDI/ERDI Public safety instructor.

<u>Rescue Diver</u> – A recreational Scuba Diver that intends to go on in his/her training to be able to do self-rescue and public rescue of water trauma events. This can be swimming, boating, Scuba or Auto accident events.

<u>Search and recovery</u> <u>Diver</u> – A Scuba Diver that is trained to search for, find and recover items underwater.

<u>Emergency Oxygen provider</u> – A Diver or NON-diver that can determine when emergency oxygen therapy is required apply to breathing and non breathing victims.

<u>Divemaster</u> – a professional Scuba diving certification for a person requiring extensive underwater skills including construction underwater mapping, low visibility navigation and advanced rescue techniques.

<u>Full face mask specialty</u> diver – A scuba diver trained to dive with a full face mask for underwater communications and safety from water borne pathogens and environmental hazards

<u>PADI public Safety</u> Diver – A Specially trained diver that provides underwater services ranging from rescue diving to recovery. This course focus is on the safety of the public safety diver and tender.

<u>Emergency First response</u> – a non-diver training course which entails not only first aid, but scene control, CPR, adult and children, and AED training.

ERD1 - This first level Emergency Response Diving Course is designed to give the certified public safety diver the fundamental skills needed to safely function as part of an OSHA and NFPA compliant public safety dive team in both the diver and tender roles.

<u>ERD2</u> - The ERD II Course furthers the public safety diver's knowledge and advances skill sets. The ERD II Course will examine lifting techniques, encapsulation, a victim's death, as well as, physiological changes a submerged body undergoes, mechanics of drowning, handling of remains, environmental issues, full face mask and dry suit use.

ERD FFM - The ERD Full Face Mask Course provides the skills and knowledge for the ERD diver to utilize full face masks for emergency response diving.

ERD Dry Suit The ERD Dry Suit Ops Course develops the knowledge and skills that are necessary for dry suit diving operations in emergency response diving. Introducing fundamental skills of dry suit diving and other important topics such as; encapsulation, contaminated environments, protecting portable water supplies and decontamination procedures.

ERD Underwater CSI - The purpose of the ERDI Underwater Crime Scene Investigations Program is to provide necessary skills and knowledge in performing underwater crime scene investigations, preservation, and proper documentation for court-ready testimony.





The <u>Rescue Diver</u> Course is designed to develop the knowledge and necessary skills to effectively perform diver rescues and assist and administer the necessary first aid in the event of an emergency. You will learn skills such as how to perform self rescues, buddy rescues, recognize and calm potential panic divers, administer proper first aid to divers that have experienced dive

related injuries, conduct effective search patterns and manage accident scenes. After the rescue diver course, you can enroll in the Master Scuba Diver Development Program or start in the professional ranks and sign up for the Divernaster Course.

Knowledge Development: On line or Self paced with book. Approx four hours.

Pool Dives: No pool dives are required, all dives on this course are done in open water.

Open Water: There are 12 open water training exercises to complete.

Required Materials: Rescue diver book, pocket mask, latex gloves.

Required Equipment: Standard Scuba diving gear, Emergency O2, AED

Cost: \$345.00

Public Safety diving is not recreational. The diver that intends to volunteer, or work for a public dive team is now involved in property or body recovery. In some instances, this may grow into actual Crime Scene Investigations. Training produces confidence. Confidence produces a safer diver. A Public Safety diver that takes this course is a safer diver. This diver also has the ability now to participate in and help fellow Public Safety divers that may be in a recue need situation. While it is not a prerequisite for Public safety, it is definitely a good addition to the Public Safety divers' skill set.







Search and recovery. It happens: People accidentally drop things from docks, off boats or even while scuba diving. If you've ever lost something in the water and wanted to go find it, then the PADI Search and Recovery Diver Specialty course is for you. There are effective ways to

search for objects underwater that increase your chances of success. And there are good and better methods to bring up small, large or just awkward items. Search and recovery can be challenging, but a whole lot of fun.

Knowledge Development: Instructor led. Approx one hour.

Pool Dives: No pool dives are required, all dives on this course are done in open water.

Open Water: There are 2 open water training exercises to complete.

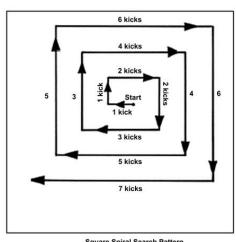
Required Materials: Compass, lift bag(s), lines for knot tying. normally supplied by instructor.

Required Equipment: Standard Scuba diving gear.

Cost: \$145.00

Search and recovery skills from a Public Safety diver perspective are quite valuable. As public safety divers, the mission is normally to search, find and then recovery of property or victims. This class will teach the student how to determine the most effective search technique, will introduce and/or review compass navigation, and how to recover said objects in water. This will include various search patterns and proper lifting techniques with lift bags for recovery once an object is located.





Square Spiral Search Pattern





<u>Divemaster</u> Course is the first professional level certification. During the course you will learn how to work with divers, lead certified divers, and act as a dive guide showing divers underwater dive sites and the marine life that inhabits those dives sites. You will increase your knowledge about physics and physiology as well as increase

your proficiency with your scuba and snorkeling skills.

As a Public safety diver, you will greatly enhance your dive skills, and be a natural leader helping other divers to obtain a more safe and proficient dive environment. A Divemaster is physically fit and has shown exceptional dive and leadership skills. Your snorkeling, scuba and rescue skills will be top notch in order to become a Divemaster.

Knowledge Development: On line or Instructor led. Approx forty hours.

Pool Dives: Performance based. A minimum of four pool dives.

Open Water: Performance based. A minimum of 10 open water dives to accomplish.

Required Materials:

Divemaster Manual, in conjunction with online training where available Divemaster Instructor Guide Standards and Procedures Manual Divemaster Slates

Required Equipment: Emergency oxygen, AED, first aid supplies (supplied by instructor)

Cost: \$595.00







Full Face

Mask Diver

<u>A Full Face</u> mask course will enable the student to make the transition from a standard scuba mask to a full face dive mask. The advantages to a public safety diver are two fold: first protection from contaminants in the water. A highly likely scenario. Secondly it allows for the possibility for underwater communications.

The Scuba School offers two distinct full face training options: a RECREATIONAL training which includes training on the use of and safety aspects of diving a full face mask. And a Professional level certification OSHA and NFPA approved. The latter includes extensive underwater voice communications, and decontamination procedures. Both include equalization techniques unique to the full face mask.

Knowledge Development: On line, self study or Instructor led. Approx three hours.

Pool Dives: Performance based. A minimum of one pool dives.

Open Water: Performance based. A minimum of 2 open water dives to accomplish.

Required Materials: FFM manual

Required Equipment: Full face mask and backup scuba mask, communications if pro class

Cost: \$145.00 recreational, \$245 ERD professional FFM











<u>PADI Public safety diver</u>. If you have the opportunity to work with local authorities and be part of a scuba diving rescue team, or conduct search and recovery dives, and maybe even underwater criminal investigations, this is the course for you. Although public

safety diving can be a fun and exciting adventure, it's serious and requires special training. The PADI Public Safety Diver Specialty course gives you a solid foundation to build upon and teaches you both surface and underwater skills that you may need on the job.

Knowledge Development: Self study or Instructor led. Approx two hours.

Pool Dives: Performance based. A minimum of one pool dive.

Open Water: Performance based. A minimum of 4 open water dives to accomplish.

Required Materials: Public Safety manual

Required Equipment: Full face mask highly encouraged not required.

Cost: \$400.00







Emergency First Response

This course is a cardio-pulmonary resuscitation (CPR), emergency oxygen (O₂) administration, first aid, and automatic external defibrillator (AED) combined into one program. It is designed to teach divers the proper techniques to safely administer CPR, O₂, correct first aid, and utilize an AED in emergency situations. The student will be qualified at the end of this specialty to:

- 1. Recognize and evaluate an emergency situation and a victim
- 2. Know how to activate or alert the emergency medical services (EMS)
- 3. Provide basic first aid for trauma victims.
- 4. Be able to provide Adult or child CPR
- 5. Be able to provide emergency Oxygen to a breathing or non-breathing victim
- 6. Proper use of an Automatic Electric Defribulator.

Knowledge Development: Instructor led. Approx four hours.

Pool Dives: No pool dives are required, all dives on this course are done in open water.

Open Water: There are no open water training exercises to complete.

Required Materials: EFR Student Manual

Required Equipment: Emergency oxygen, AED, first aid supplies (supplied by instructor)

Cost: \$150.00









ERD1 This first level Emergency Response Diving Course is designed to give the certified open water diver, or open water certified public safety diver, the fundamental skills needed to safely function as part of an OSHA and NFPA

compliant public safety dive team in both the diver and tender roles.

What you can expect to learn:

- Equipment preparation and selection, problem solving, tender skills, responding to a call, search patterns, scene evaluation, environmental risks, evidence handling
- Dive skills including line signals, diver communications, executing multiple search patterns, victim recovery, emergency procedures, and decontamination procedures
- Diver and tender on the line communications.
- Chain of Evidence procedures

Knowledge Development: On line or instructor led. Approx eight hours.

Pool Dives: As needed to introduce new skills. Normally one long or two short pool dives.

Open Water: There are four open water training dives to complete.

Required Materials: the ERD Student Manual is required for the ERD I course academics

Required Equipment: Standard Scuba gear, BCD to have at least 40lbs of lift. Two cutting devices, surface signaling devices (2), USCG approved PFD, 20 CF pony bottle.

Cost: \$295.00









ERD2 The ERD II Course furthers

the public safety diver's knowledge and advances skill sets for emergency response diving. The ERD II Course will examine lifting

techniques, encapsulation, a victim's death, as well as, physiological changes a submerged body undergoes, mechanics of drowning, handling of remains, environmental issues, full face mask and dry suit use.

What you can expect to learn:

- Mechanics of drowning, including near drowning
- Physiological changes to human remains
- Crime scene identification and removal of crime scene evidence
- Encapsulation considerations
- Lifting techniques and considerations
- Advanced skills for dry suit and full face mask diving
- Learning decontamination procedures

Knowledge Development: Instructor led. Approx eight hours.

Pool Dives: As needed to introduce new skills. Normally one long or two short pool dives.

Open Water: There are six open water training dives to complete.

Required Materials: the ERD Student Manual is required for the ERD 2 course academics

Required Equipment: Dry suit, Full face mask, BCD to have at least 40lbs of lift. Two cutting devices, surface signaling devices (2), USCG approved PFD, 18 CF pony bottle.

Cost: \$395.00





ERD FFM The ERD Full Face Mask Course provides the skills and knowledge for the ERD diver to utilize full face masks for emergency response diving.

What you can expect to learn:

- The knowledge and skills necessary to plan and execute full face mask diving operations
- Demonstration of proper donning and equalization
- Perform controlled mask partial flood and clear, full mask flood and clear, mask removal and replacement
- Switch to back up mask
- Remove mask and utilize alternate source of air

Knowledge Development: On line or Instructor led. Approx three hours.

Pool Dives: As needed to introduce new skills. Normally one long or two short pool dives.

Open Water: There are two open water training dives to complete.

Required Materials: the ERDi FFM Student Manual is required for the course academics

Required Equipment: Full face mask, BCD to have at least 40lbs of lift. Two cutting devices, surface signaling devices (2), USCG approved PFD, 18 CF pony bottle.

Cost: \$245.00







ERDI.

ERD Dry Suit The ERD Dry Suit Ops

Course develops the knowledge and skills that are necessary for dry suit diving operations in emergency response diving. Introducing fundamental skills of dry suit diving and other important topics such as; encapsulation, contaminated environments, protecting portable

water supplies and decontamination procedures.

What you can expect to learn:

• Environmental factors and hazards, types and features of dry suits, addressing diver insulation, dry suit maintenance, buoyancy controls and managing dry suit emergencies

• Demonstrate proper dive planning

Dry suit donning and a complete understating of all dry suit functions

Dry suit emergency procedures to make sound judgments

Knowledge Development: On line or Instructor led. Approx three hours.

Pool Dives: As needed to introduce new skills. Normally one long or two short pool dives.

Open Water: There are two open water training dives to complete.

Required Materials: The SDI Dry Suit Diving Manual is required for the course academics

Required Equipment Dry suit, BCD to have at least 40lbs of lift. Two cutting devices, surface signaling devices (2), USCG approved PFD, 18 CF pony bottle.

Cost: \$245.00









ERD Underwater CSI The purpose of the ERDI Underwater Crime Scene

Investigations Program is to provide necessary skills and knowledge in performing underwater crime scene investigations, preservation, and proper documentation for court-ready testimony.

Who this course is for:

- Certified Peace Officer Standards and Training (P.O.S.T) officials, Coroners, Deputy Coroners, Certified Medical Legal Investigators (ABMDI)
- Search and recovery dive personnel, rescue personnel who may respond to an in-water evidence search or a water related drowning
- The public safety diver who may encounter potential evidence

What you can expect to learn:

- Review of Bill of Rights
- Establishing a crime scene and terms/definitions used in the industry
- Witness interviewing and types of evidence
- Methods of documenting scenes
 - Photographing, sketching
- Accident vs. Fatality
- Search patterns and securing evidence
- Body decomposition and physiology of drowning
- Body recovery and handling procedures
- Scene control and court document preparation



Knowledge Development: Instructor led. Approx 8-12 hours.

Pool Dives: none required.

Open Water: none required

Required Materials: Text & outlines to be supplied by instructor

Required Equipment Chain of evidence forms. Crime scene tape and materials

Cost: \$495.00





Product

The Scuba School can supply all of your public safety product requirements to build / rebuild / or maintain your public safety dive teams. This includes all diving equipment and search and rescue tools. We carry full face masks and PSD equipment.

BCDs



We carry and recommend <u>Zeagle Ranger</u> BCDs as a durable and reliable Buoyancy control Device. This BCD has the ability to withstand a rigorous environment and provisions for carrying lots of optional public safety required equipment such as pony bottles.

- 44lb lift capacity Ballistic bladder (standard, other capacities available as options)
- 30lb capacity Ripcord® weight system
- 20lb capacity rear trim weight system
- PFS modular sizing
- Heavily reinforced 1050 denier Ballistic nylon construction
- 11" grommets for mounting twin cylinders
- Two zippered utility pockets at sides
- Adjustable elastic waist panels
- 4 stainless steel angled D-rings on shoulders (two adjustable)
- 2 stainless steel D-rings on vest
- Adjustable sternum strap
- Single or twin tank capability
- Dry Weight: 8.4 lbs

• PSD special price \$595



Pony Bottles



Also, Zeagle produces a <u>pony bottle</u> ideally suited for the public safety diver with attachment options to accommodate a variety of mounting positions. This pony bottle comes with the tank pouch, gauge, and Quick disconnect system for use with your Full face masks.

If you are doing deeper dives, or dives in an extended overhead environment, then you need that added time that a larger cylinder will give. The Zeagle 20 cu ft Pony Bottle System is a Totally Redundant Breathing System that includes a 20 cu ft Aluminum Cylinder, a Zeagle RaZor Regulator/Valve Combination with a 36" hose and a balanced

Envoy 2nd stage.



This tank pouch can be attached to the BCD D rings or the rear of the BCD for quick deployment. The guage comes mounted on the bottle for easy viewing.

• PSD special price \$495



Dry suits

Pinnacle's <u>EVOLUTION 2</u> is a rugged, durable, all-Cordura front-entry membrane drysuit. Rugged enough to be ideal for commercial and military use, yet comfortable and versatile enough for recreational divers, the Evolution 2 provides an incredible array of standard features and can be customized for any diver's needs.



- Heavy-duty 220 gram CorduraTM exterior is strong and resists cutting and abrasion
- Self-donning front-entry drysuit
- Diagonal front-mounted YKK-BDM zipper with protective zipper flap
- Reinforced seat and knees stand up to the rigors of wreck and technical diving
- Telescoping torso with elastic crotch strap aids in donning allowing for greater range of motion
- Standard pocket on each leg with VelcroTM closure, grommeted drain hole, three attachment points and elastic shock cord
- Si-Tech low profile 360-degree inflation and exhaust valves
- Internal elasticized waistband and suspenders improve fit and comfort
- Latex neck and wrist seals are of the heaviest grade available for incredible durability, yet are extremely comfortable
- Standard booties (socks) and must be worn with a overboot (supplied)
- Can be fitted with neoprene socks for no additional charge
- Includes carry bag, inflation hose, drysuit hood and suspenders at no extra charge
- Neoprene collar covers the latex neck seal for extra warmth
- Available in 14 male sizes, 7 female sizes
- Fitted with a Latex hood for hazmat diving.

PSD special price \$1495





Full face masks



The Ocean Reef Full face mask is the newest Integrated Diving Mask system: the Space Extender, is the mask for the avid diver, advanced adventurer and diving professional.

Cold water certified, balanced, on demand, integrated regulator.

Polycarbonate visor (siloxane double coated for scratch resistance).

Directional exhaust valve (4 positions).

Dive / pre dive switch.

Lifetime warranty!
Includes the Extender Kit (frame + accessories).
SAV (Surface Air Valve) included.

This IDM has it all right off the bat.

A fully customizable product that can serve all your needs and grow with your preferences thanks to a full line of accessories that can be integrated at any time with your mask.

This mask includes the radio for communications diver to diver. Includes professional storage bag and quick disconnect hoses.

• PSD special price \$1350.00

Surface radio

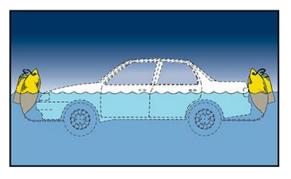


- Headphone connection.
- Volume control.
- Speaker.
- Water resistant case pressure compensation valve.
- Battery charger.
- Easy to read LED battery tester which shows the power status of the battery.
- Transducer cable.
- Bag.
- Microphone.

• PSD special price \$1195.00



Lift Bags



The <u>SUBSALVE USA VRS-2000</u> and <u>VRS-4000</u> are the only self-contained patented systems

available today. We have been refining every aspect of the system for over twenty years,

incorporating input from the commercial and public safety diving communities as well

as experience with actual recoveries. This all-purpose system is portable for rapid

deployment. Equipped with all necessary hardware – ready for immediate use.

Fabric

- · Urethane-coated nylon—high-strength and heavy-duty
- · Superior abrasion resistance
- · Resistant to most petro-chemicals
- · UV-resistant
- · Low maintenance requirements and easy to clean
- · RF welded seams

Used by 250 domestic and fifty worldwide public safety dive teams

VRS-2000 for automobiles and other small vehicles

VRS-4000 for trucks, buses and larger vehicles

VRS-4000-HELO emergency flotation to prevent sinking if an aircraft is ditched (NATO approved)

System Components

VRS-2000 & VRS-4000

- \cdot Two 2000lb or two 4000lb enclosed flotation bags each with a pocket for an 80ft3 aluminum SCUBA cylinder.
- · The air cylinder connects to the lift bag with a SCUBA yoke and hose assembly with a one way check valve for easy tank changes while preventing any loss of air from the bag.
- \cdot Two stainless steel lift rings on top and two on the bottom of bag that allow the lift bag to be rigged either flat or upright.
- \cdot (2) Bottom lift rings are each equipped with a 3' length of $\frac{1}{4}$ " galvanized proof coil chain and a stainless steel snap carabiner on the end.
 - VRS-2000 PSD special price \$2100.00
 - VRS-4000 PSD special price \$2500.00



Maintenance

The Scuba School has a maintenance department that services and maintains all brands of scuba equipment, and firefighting equipment including SCBAs. We do hydro and visual inspections on SCBAs and scuba bottles. Rebuilding the valves during the process. We are an authorized service center for all Zeagle and Ocean reef products as well as others.

Call us to set up an appointment for us to discuss your needs and / or desires.

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