

# EQUIPMENT

## MASK

1. Must fit and have a good seal.
2. Lens is made of tempered glass.
3. Can have 1 to 6 windows.
4. Come in many colors.

1. When renting or buying, the equipment should be comfortable and fit.
2. When done using, all of the equipment should be rinsed in fresh water, dried, and stored in a cool place.
3. Great care should be given to your equipment and it will last a long time.

## SNORKEL

1. Recommend it have a purge and splashguard.
2. Should not be over 15" in length due to dead air space.

## BUOYANCY COMPENSATOR

1. Provide neutral buoyancy while diving.
2. Keep you comfortable while on the surface.

## INFLATOR HOSE

1. Used to manually inflate or deflate BC.
2. Used to mechanically inflate BC.
3. NEVER used to bring a person up from the bottom.

## REGULATORS

1. Delivers ambient pressure from the hose to the mouth.
2. Primary is used during the dive because it is usually a better breathing regulator.
3. Octopus is used as a secondary breathing source for your buddy in case of an emergency

## WET SUIT

1. Used to preserve body heat.
2. Should be 6.5 mm (1/4") thick for the Californian waters.
3. Water is heated by body and kept in place with the wet suit.
4. The better the fit, the more effective.
5. Will make you positively buoyant (float).
6. Made up of millions of tiny bubbles trapped in rubber called neoprene.

## WEIGHT BELT

1. Used to offset the positive buoyancy of the wet suit and natural thermal enhancement.

## GLOVES

1. 10% of body heat is lost through the hands.
2. Used to protect your hands from sharp objects.
3. The thinner the glove, the finger movement is easier. Thicker gloves are for warmth.

## 1<sup>ST</sup> STAGE

1. Reduces tank pressure.
2. Send air to different hoses.
3. The dust cap needs to be in place before rinsing to prevent water from entering the 1<sup>ST</sup> stage.

## THREE GAUGES USED ON EVERY DIVE.

1. DEPTH GAUGE  
A. Used to tell your depth in the water.
2. TIMING DEVICE  
A. Bottom timer.  
B. Watch.
3. SUBMERSIBLE PRESSURE GAUGE  
A. A.K.A. Air gauge  
B. Tells the tank pressure of air.

## COMPASS

1. Used to help in navigation.
2. The moving needle points towards North.
3. The lubber line is the direction of travel.

## BOOTS

1. 10% of body heat is lost through the feet.
2. Used to preserve body heat.
3. Protect feet from wear and tear of the fins, and when walking on the shore.

## KNIFE

1. Used as a tool to cut, dig, pry, sharpen, or pound.
2. Not for stabbing buddy to escape shark.
3. For advanced divers only. You do not get one!

## FINS

1. Many different styles, but must have open heel to wear with boots.
2. Open heeled fins can be used in a variety of environmental conditions.

## TANK

1. Made of either steel or aluminum.
2. Should always have pressure kept in them to prevent moisture from entering.
3. Have engravings around neck for identification.
  - a. Type of material (aa for steel and al for aluminum)
  - b. Company that makes them.
  - c. Serial number
  - d. Hydrostatic date.
4. A hydrostatic test is to be made every 5 years.
5. A visual inspection is made every year. That is a sticker showing it is done.

