

# Pisces Diver Boat Diving Fact Sheet

## I. Equipment supplied by the diver:

### A. Each diver should have the following components as part of his/her Total Diving System:

1. Surface emergency signaling device (whistle or Dive-Alert<sup>®</sup>)
2. Alternate Air Source
3. A LOGBOOK.
4. An SMB (safety sausage) is recommended for surface signaling the boat (pick me up whenever you can).
5. Night Diving requires one green light per diver mounted on the cylinder valve, one red per team mounted on the flag, and one light per diver plus a backup.
6. All divers should have some type of Diving Accident Insurance.

## II. Equipment supplied by the boat:

1. One flag/buoy assembly with 150' line holder per buddy team. You may use your own.
2. A cooler is provided for drinks and sandwiches brought on board. Please bring drinks in cans or plastic - **no breakable containers!**

## III. Boat procedures:

### A. Equipment stowage:

1. Keep your equipment in a gear bag.
2. Bungy-style tank holders are for BARE tanks only.
3. Diving systems should be stowed in the same spot throughout the trip to minimize loss and confusion.
4. Buddies diving systems should be stowed side by side. **You** alone are responsible for lost or broken equipment.

### B. General Boat Rules:

1. All passengers must remain seated while the boat is under-way.
2. All passengers and crew must disembark during re-fueling.
3. **Do not set tanks or weight belts** on the boat storage boxes (seats). Use the tank holder seats to don equipment while seated.
4. There is no head available on-board.
5. No alcoholic beverages of any kind are allowed on the boat.
6. No spear guns are allowed on the boat except for specific game collection events.

### C. Handling Diving Cylinders:

1. A roll control system is provided for storage of cylinders.
2. Leave the dust cap OFF when the cylinder has been used, to indicate such.

### D. Boarding and Exiting:

1. After arrival at the dive site, the ladder will be placed at either the port or starboard gate.

2. Take care not to block the ladder. BWRAF.
3. Be sure that your BCD is inflated, mask on, and second stage is in your mouth when entering the water.
4. After water entry, turn to give surface OK signal to boat, switch to your snorkel, and swim immediately away from the entry point and await your buddy.
5. Gear clips can be tethered at the bow for securing weight belts and BC's in the water.
6. A gear clip or "D" ring located on the weight belt will reduce the chances of loss; attach the boat's gear clip to the belt's ring or clip before removing the belt.

### E. Control

1. All passengers are to follow the instructions of the boat captain.
  - a. Hierarchy of command: Captain > Instructor > AI > DM
2. Boarding privileges may be revoked or suspended at any time.
3. Immediately upon surfacing, divers must signal their condition to the boat using the designated signal described in paragraph IV-C below.
4. The safety sausage type SMB's indicate that the diver wishes to be picked up at the boat's convenience, and there is no immediate danger.
5. Whistles, Dive-Alerts,<sup>®</sup> waving arms, etc. indicate immediate rescue/pick-up is required.
6. Divers should be aware that the boat may have to leave the vicinity. Buddy teams should then group together on the surface, inflate BCD's, deploy SMB's, and await the boat's return. In some instances (i.e. storms, etc), the boat may actively seek dive flags to hasten diver retrieval.
7. The Dive Flag must be hand carried by one member of each team. This is a NYS law. Boats underway must stay at least 100 feet from the flag. NYS Navigation Law does allow a boat to enter the 100' restricted zone only if the engine is at idle and a spotter is watching for bubbles, at which time the engine must be shut down.

## IV. Safety and emergency procedures plan

### A. The following represents a minimum of what the buddies should agree on before the dive:

1. purpose of dive/direction of dive (compass headings)
2. Buddy team organization - who leads, who follows, responsibilities of each
3. control hand signals
4. maximum planned depth of the planned dive
5. maximum bottom time of the planned dive
6. minimum allowable cylinder air pressure to return with
7. Descent plan - buddy position, maintain control, equalizing, maintaining contact with buddy
8. Emergency procedures plan - sharing air technique, emergency hand signals, out of air ascent technique, procedure if lost

9. **LOST BUDDY:** If you lose your buddy, you will spend no more than a minute searching and surface immediately. Swim to the nearest flag and wait for your buddy to surface.
10. Ascent plan - controlling rate, split ascent, hand signals
11. check buddy's dive computer and general condition during the dive
12. Perform a pre dive check with each other before the dive - become familiar with each others diving system

**B. Use of tables and diving computers:**

1. Check your computer NDL's for the planned depth
2. Plan and perform dives well within the diving limits for the weakest members training and experience
3. Observe proper ascent rates, take a safety stop at 15'.
4. Log all dives in your Log Book and record conditions and notes from site briefing.
5. Inform a crew member of any unexplained change in your physical condition.

**C. Hand signals on surface:**

1. Are you OK? ( two hands clasped above head) or 3 light flashes or circular motion
2. I am in trouble - need assistance (wave arm over head) or waving light
3. Stop

**V. Rules on Alcohol**

1. Consumption of alcohol during the 24 hours before or after the diving day is not recommended
2. **NO** alcohol should be consumed during the diving day.
3. Consumption of alcohol has been linked to cases of decompression sickness where divers had followed the tables with some care.

**VI. Phone Numbers:**

1. Pisces . . . . . 381-2842
2. Captain . . . . .
3. Instructor . . . . .
4. Divemaster . . . . .

**DIRECTIONS:**

1. Head west (left) on Fairport Rd/RT-31F 1.3 mi
2. Turn left to merge onto I-490 E toward Thwy for 7.4 mi (7 mins)
3. Take exit 29 to merge onto RT-96 S toward Victor for 3.4 mi
4. Turn right at Maple Ave RT-444 for 6.9 mi (10 mins)
5. Turn left at RT-5/US-20 for 1.2 mi (3 mins)
6. Turn right at RT-64. Follow RT-64 for 13.3 mi (19 mins)
7. Continue on RT21 for 2.6 mi to Public Boat launch (nearest GPS address 7161 State Route 21)

Please try to car-pool when possible. Please park 2 cars deep. Unload equipment onto grass strip. Do Not block Boat Ramp!

