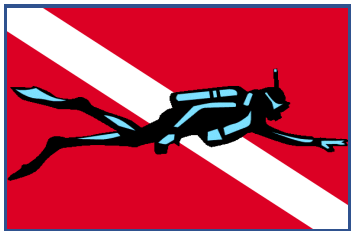
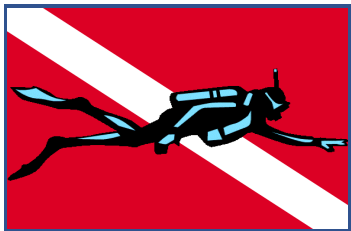


Air Pressure Turn/ Dive Termination Considerations



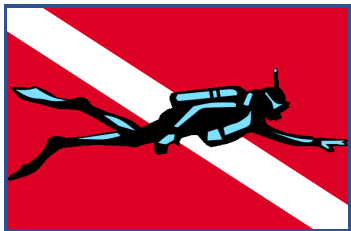
-
- **During recent dives, at least one diver questioned the “Leave the Bottom (LTB)” Air Pressure points as too conservative.**
 - **Another challenged that too liberal LTB points may not allow for adequate emergency response actions.**
 - **Thought we would throw this out for discussion.**



Parameters



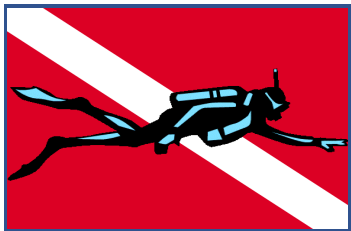
- **Most Common Guidelines for LTB – usually Operator Provided / Recommended:**
 - **Time:** Nitrox: “X” Minutes / Air: “Y” Minutes
 - **No Deco:** “Z” Minutes Before Deco
 - **Air Pressure:** “XX” Air Pressure
- **Discussion Point – Air Is Primary Consideration**
 - Depth / Air Mix permits diving with Minimum to No DECO issue
 - Operator is NOT putting a time limit on you / or No Operator
 - Non-Penetration or Non-Cave Dives



Residual Air Planning



- **How much Air should you have remaining when you get back on the Boat? Get back On Shore?**
- **To accomplish that what should be your “Turnaround Point”? (Anchored/Shore Dive)**
- **At what Air Pressure Level should you terminate a dive (LTB)? Considerations?**



Bottom Line

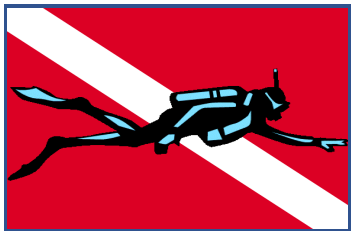


- Turn-Around Point:

- 1/3 Rule- 1/3 Out – 1/3 Back – 1/3 Reserve
- Based on Highest Consumer!

- Leave the Bottom: It DEPENDS - 1000 / 800 / 700 PSI???

- Depth
- Experience Level
- Wave Conditions
- Safety Buffer?
- On Board Air Mandate?
- Drift vs Anchored
- Size of Group
- Other?



Bottom Line



