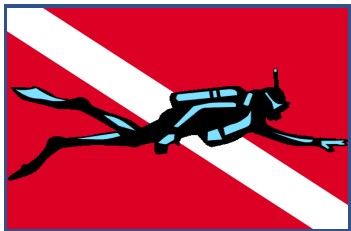


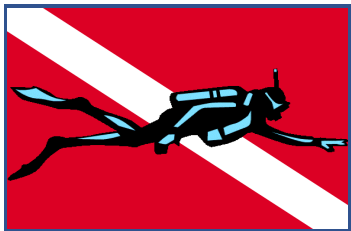
Is It Time to Service Your Equipment?



Why Servicing is Important



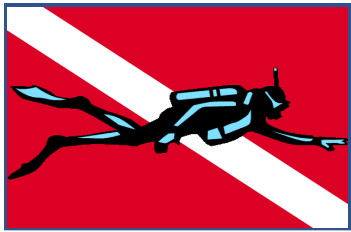
- Given the nature of our sport, it is critical that we ensure that all our equipment is top condition.
- This falls into two major areas:
 - Shop / Technician Servicing
 - Daily / Weekly User Maintenance.
- **REMEMBER: What Goes Down, Doesn't Necessarily Come Back Up!!**
- **OR, Doesn't Necessarily Come Up functioning Properly! OR, with a Functioning Diver.....**



Major Equipment Items



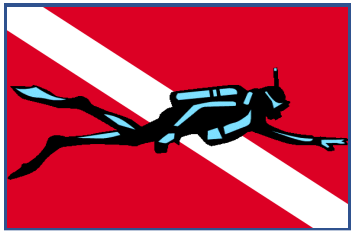
- Some Equipment Items are subject to mandated Service Intervals due to Industry Directed Requirements or Manufacturer Warranties
- Make sure you know the Industry or Warranty Requirements
 - **Regulator**
 - **BCD**
 - **Tanks**
 - **Computer**
 - Camera and Lights
 - New Equipment!!!
 - Wet Suit
 - Straps and Connectors
 - Other Equipment



Regulators

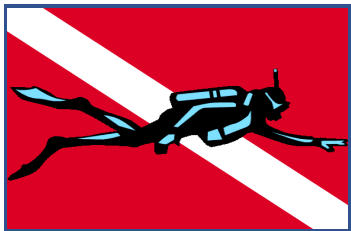


- **Conventional Wisdom- SERVICE EVERY YEAR!!**
 - Also, Guidance that you should service after 80-100 Dives!!
- **Manufacturers Warranty- Usually Requires to be Serviced EVERY YEAR to Maintain Warranty!! (Some Exceptions)**
 - Bennie- Most allow FREE PARTS, IF Original Purchaser and IF maintained within Guidance Intervals.
- **BUT- I only Dive 5-10 times a year, (or less) Why do I need to Service it every Year?**
 - Seals/O-rings deteriorate over time.
 - Made worse when equipment is stored and isn't rinsed regularly or thoroughly – junk builds up / corrodes.
 - Your regulator may be in worse shape than someone who dives weekly!!



Don't Want This!!

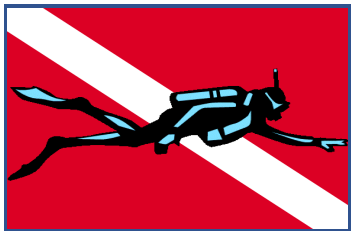




Buoyancy Compensation Device (BCD)



- Most people don't see Annual Service of the BCD as critical as the Regulator.
- HOWEVER, most manufacturers recommend an Annual Service, to include:
 - Complete Disassembly.
 - Inside/Outside Cleaning.
 - Comprehensive Leak Test.
 - Straps and Releases.
 - Particular Attention to Inflator Valve, Dump Valves.
- **Remember: This is The Piece of Equipment That is Going to bring you BACK UP!**



Tanks



- **Industry Wide- Most Formally Regulated Piece of Diving Equipment:**
 - Annual VIP (Visual Inspection) Required.
 - Every 5 Years- Hydrostatic Test Required.
 - NITROX Tanks require Additional Oxygen Cleaning during the annual VIP.
- **While not always discussed, Valves need Servicing too!! Ensure they are also checked out!!**

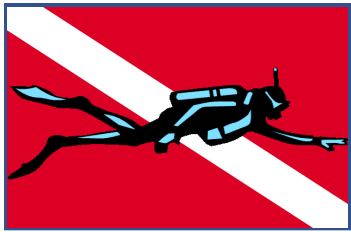


Din/Yoke Valve

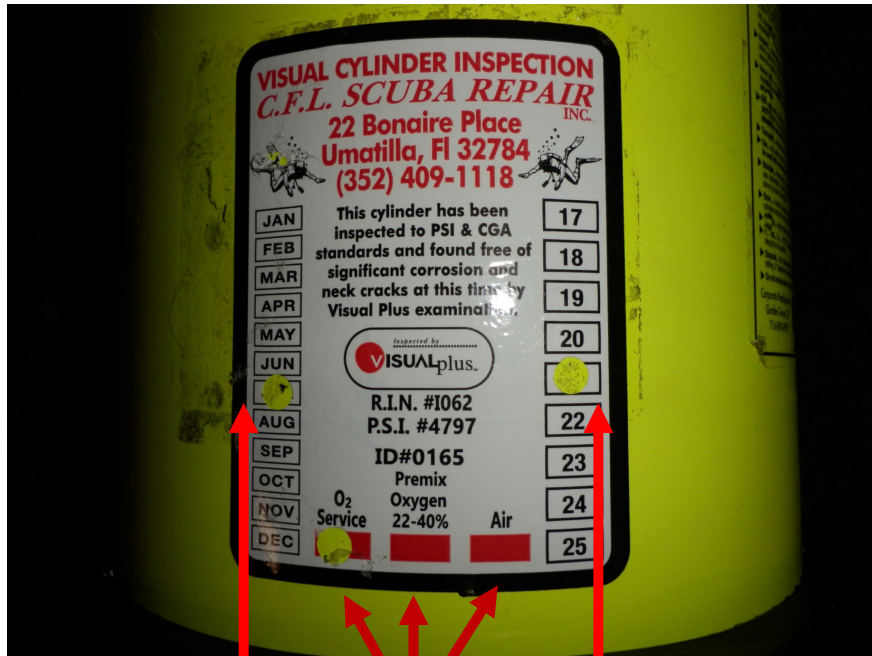
Din Plug



Yoke Valve



Tank Markings

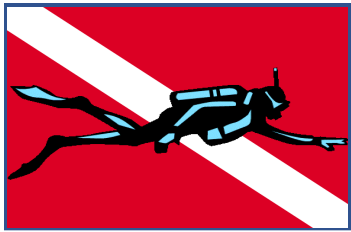


Type Svc

VIP Date



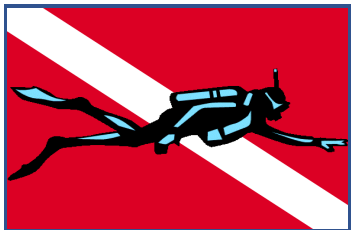
HYDRO Dates



Computers



- **Another Item That Many People Don't Think About For Annual Service:**
 - **Check Your Manufacturers Warranty.**
 - **Usually Recommends Annual Service – Most People Don't....**
- **As a Minimum:**
 - **Regularly Check Your Battery Status and Carry 1-2 Spares (Some may require a technician to replace)**
 - **Monitor your Manufacturer's Homepage for Software or Firmware updates and ensure that you get them: Download, USB or Technician, Etc.**
 - **Make sure you Know all the features of your Computer!!!!**



Bottom Line



Make sure all of your Time-Directed Equipment is Serviced within Required Timeframes and by QUALIFIED Service Technicians.

ALWAYS, check out equipment in a BENIGN environment after it has been Serviced.

For ALL equipment, conduct Daily, Weekly and post-Dive Maintenance, as appropriate, and:

RINSE – RINSE – SOAK – SOAK – and RINSE AGAIN!!