

## Extended Range/Trimix Equipment List

1. Primary mask, and fins (NO split fins are allowed)
2. Back plate/harness/wing: minimum 45 lbs of lift (or sidemount kit)
3. Manifoldded double or (2) independent doubles of appropriate volume (O2 clean)
4. Deco bottle; minimum of 30 cf, O2 clean, setup with a sling kit
5. (2) Primary regulators:
  - a. Minimum one contingency long hose no less than 60"
  - b. Minimum one submersible pressure gauge (two if independent doubles)
6. (2) Deco regulators:
  - a. Both O2 clean
  - b. Both must have 36" hose and a submersible pressure gauge on a 6" hose
7. (2) Timing devices and (2) depth gauge devices (air computers in gauge mode are Ok)
8. (2) Lights
  - a. Primary light must have Goodman handle or universal wrist mount
  - b. Backup light must be configured to attach to harness
9. (2) Ascent reels
  - a. Primary reel must have a minimum of 200' of line (spool is OK)
  - b. Backup reel must have a minimum of 100' of line (spool is OK)
10. (1) Surface marker buoy; (1) lift bag with minimum of 50 lbs of lift; (one yellow and one orange preferred; SMB must have over pressure valve and oral inflation tube)
11. (2) Cutting devices attached to harness
12. Underwater slate or wet notes for deco profiles
13. Compass stowed in pocket or on wrist
14. Backup mask stowed in a right pocket
15. Exposure suit, adequate for the dives (dry suits cannot use helium for inflation)

### Additional items

1. Sling kit; to sling an AL80 with deco gas (in addition to the deco bottle above)
2. Dive planning software for Trimix dive planning
3. Save-a-dive kit: bungee, zip-ties, tools, bolt snaps, duct tape, sharpies, etc.