

## GEAR LIST

### FOR INTRO TO TECH COURSE IN BACKMOUNT

(Preparation for Cave and Technical Diving Courses)

#### WING, BACK-PLATE AND HARNESS

- doughnut or horseshoe shaped wing with a minimum lift of 22 liters / 50 lbs. lift
- power inflation system (K-valve recommended) and fast exhaust valve
- back-plate with continuous webbing and crotch-strap
  - \* Aluminum back-plate recommended for wetsuit configuration / \* steel back-plate recommended for drysuit configuration
- 1x D-ring on each shoulder, 1x D-ring on the waist on the left side, 1x D-ring on the back of the crotch-strap
- metal buckle for the waist belt + 1x extra metal buckle to retain the light canister on the right side
- rubber retainers for the back-up lights on either side of the harness

#### REGULATOR SYSTEM

1x DIN regulator first stage on the right side with:

- 1x balanced regulator second stage
- 1x LP long hose (210cm / 7') equipped with a small size bolt-snap clip
- 1x LP inflator hose for the wing (appropriate length depends on the wing's corrugated hose)

1x DIN regulator first stage on the left side with:

- 1x balanced regulator second stage
- 1x LP short hose (approx. 55-63cm / 22-25in, appropriate length depends on the diver)
- 1x necklace (3 or 4mm shock cord)
- 1x LP inflator hose in case of drysuit configuration (appropriate length to be routed under the left arm)
- 1x HP hose (approx. 61cm / 24in, appropriate length depends on the diver)
- 1x SPG (black face recommended / bar or PSI) equipped with a bolt-snap clip

#### LIGHTING SYSTEM

1x Primary light:

- canister light with low profile light head or hand-hold light, equipped with a bolt-snap clip
- with goodman handle
- approx. 4 hours burn time (min. 1.5x planned bottom time)
- min. 1200Lu output

2x Back-up lights:

- low profile, equipped with a small bolt-snap clip
- approx. 4 hours burn time (min. 1.5x planned bottom time)
- min. 600Lu output

#### THERMIC PROTECTION AND OTHER EQUIPMENT

- full wetsuit (min. 5mm) or drysuit with hood
- dive booties (rock boots recommended)
- 1x thigh pocket on the left side
- 2x masks (low profile, opaque skirt and frameless recommended)
- 1x pair of fins (open-heel, no split, nor free dive, nor force fins, low profile strap)
- 2x 39m / 130ft safety line (finger spools, no reels, line gauge from 18 to 21)
- 2x line cutter (seahorse or U shape, no knives, no scissors)
- 1x nitrox computer
- 1x wrist compass (or integrated in the dive computer)
- 1x wrist slate (3 pages) or wet notes
- 1x SMG (surface marking buoy)

*Even though we recommend that students own their equipment, most of it can be rented with us. Please double check the list and let us know as soon as possible which items you might be needing.*