

## Technical Bulletin 090707-001

### Procedure change to the T2 lost gas drill

#### Affects:

All T1/T2 divers

#### Change to:

##### Loss of O<sub>2</sub>

- Multiply the time on O<sub>2</sub> x 1.5

- Deco on remaining 50%

- Share O<sub>2</sub> from team mate, half time each

##### Loss of 50%

- Conduct normal stops for the 21m – 15m (70' – 50') stops

- For the 12m – 9m (40' – 30') stops multiply by 1.5 and share 50%

#### Discussion

Recent concern about the necessity to get not spend excessive time in the deeper stops (21m – 15m/70' – 50'). Previously when a lost gas has been experienced this led to the expansion of all stop times without the ability to adjust (lengthen) the decompression obligation mainly due to gas concerns. The above strategy allows us to alleviate some the concern of unnecessarily loading the medium and slow tissues while conserving gas till shallower in the ascent.

More complex failures involving the inability to share deco gas, loss of more than one deco gas and gas volume limitations may require creative thinking on the part of team members. With this in mind it is important to think about the range of options available using the above as the basis for an effective strategy.