

Technical Diving on M/V Truk Master

Please complete this form to advise us of your planned technical and gas requirements for your upcoming cruise on the M/Y Truk Master. Failure to complete this form may mean any special requirements including cylinders and gas are not available for your trip.

Diver's name: _____ Certification Level: _____

Certification Number: _____

Cylinders

CCR Cylinders **3lt** **2lt** **Other** _____

We provide Faber Steel Cylinders with in-line valves. All valves have standard DIN connections. Users with M26 connections on their first stages will need to bring an adapter.

Main Cylinders - **Manifolded Twins** **Independent Twins** **Matched Cylinders (Sidemount)** **Other** _____

Stage & Bailout Cylinders **40cuft** _____ **80cuft** _____ **Other** _____

Please indicate the number and size of any bailout or stage cylinder you require. All cylinders are Aluminum.

Rigging Kit Fitted? **Yes** **No**

Gas

In addition to air, indicate which gases you would like to use. Oxygen comes from an Oxygen Generator with a purity level of 93% +/- 3%.

Trimix is not available for O/C divers on Bikini charters. 28% Nitrox is available for a set price per trip on Truk Charters only.

16/30 **18/30** **20/20** **28%** **50%** **93%** **Other** _____

CO2 Scrubber _____ **4.5kg tubs**

We normally provide Molculer Products 797 sofnolime in 4.5kg tubs. Due to the remote nature of our operations and the extended delivery times of 797 sofnolime occasionally we may offer alternative products. If 797 is critical for your use please contact us beforehand to check supply levels.

Hire Equipment

Full Tec Set (Include Tec Reg Set, 2 Stage Regs, Harness, S/S Backplate & Wing) **Tec regulator set**

Stage regulator **Complete Harness, S/S Backplate & Wing** **S/S Backplate & Harness** **Dive Computer**

Emergency SMB **Lift Bag** **Spool** **Reel** **Torch**

Other _____

Additional Comments/Requests:

Technical diving onboard Truk Master is defined as:

- A dive to a depth more than 40m
- A dive with planned decompression stops
- A dive with accelerated decompression (More than one Nitrox mix or greater than 40% Nitrox)
- A dive with variable gas mixtures
- A dive with in an overhead environment beyond 40 linear meters of the surface

As rebreathers use variable gas mixes all rebreather divers will need to sign the technical diving waiver even if they are diving recreational profiles.

For all Technical Dives conducted from Truk Master divers will need the following:

- Two methods of buoyancy. This can be achieved by using a wing with a redundant bladder, drysuit or lift bag with a minimum of 20kg/45lb of positive lift.
- Dive Computer - Multi-gas dive computer capable of switching between a minimum of 2 gasses, ideally more.
- Backup Computer or depth/bottom timer.
- 2 Surface Marker Buoys (SMB) - One red or orange SMB and one yellow SMB with a slate or wet notes attached for emergency use.
- 2 Reels or Spools - One with a minimum 15m of line and one with a minimum of 60m of line.
- Dive Slate or Wet Notes - Additional dive slate in addition to the slate used with the emergency surface marker buoy or a set of wet notes.
- Minimum of two dive torches (ideally three) for any guests planning on doing any wreck penetration.

Recommended Equipment:

- Backplate, harness and wing - A Backplate, harness and wing capable of carrying manifolded twin aluminum 80cuft cylinders and one or two 40/80cuft aluminum stage cylinders. The wing should have a minimum of 20kg/45lb of positive lift.
- Two DIN regulator sets one with long hose configured for twin cylinder operation.
- One or two DIN stage regulators for use with up to 95% oxygen.
- Protection - 3 or 5 mm full length wet suit is adequate. Some divers also like to use a hood or helmet and gloves. Water temperature in Truk and Bikini is between 28 - 30 degrees all year round with no distinct thermoclines.
- Spare Mask - Spare mask should be carried on all technical dives.

Please inspect and test all your dive equipment before coming to Truk Master. If you have just had your equipment serviced we still recommend you test it thoroughly before leaving home.

Truk Master operates where there are no facilities for repairing or servicing diving equipment and whilst Truk Master carries a limited amount of tools and common spares for making repairs in the field divers should ensure they bring everything they need to be self-sufficient. This is especially true for rebreather divers as we do not carry any special tools or parts such as oxygen cells or batteries for rebreathers.

All divers conducting technical dives from Truk Master:

1. should be appropriately qualified to conduct the planned dive.
2. will be asked to sign the appropriate paperwork (technical diving liability releases).
3. Need to have the required equipment listed above.
4. Need to prepare a dive plan and let the Cruise Director know your planned runtime and maximum depth.
5. Are required to have adequate diving and travel insurance that covers the planned technical diving and includes cover for medical evacuation from remote areas.