

Course Announcement

"Dive mission leader for scientific divers" ("Taucheinsatzleiter für Forschungstaucher" - TEL)

Helgoland, 08.05.2023 - 13.05.2023

The AWI (Centre for Scientific Diving) and ZMT (Scientific Diving Centre) invite to submit applications for the course "Dive mission leader for scientific divers / Taucheinsatzleiter für Forschungstaucher" - TEL).

The course is designed to give experienced scientific divers a review of the obligations and duties that have to be fulfilled as dive mission leader. This includes risk assessments and practical dive mission leading. The candidates will work together with scientific diver trainees under supervision of an instructor team.

The course includes a theoretical part in April 2023 that is held as weekly video conference. The practical part including the examination is held from 08.05.2023 to the 13.05.2023 (**Arrival date is 07.05.2023**) at the AWI on the island of Helgoland.

Successful participants will be certified as "dive mission leader / Taucheinsatzleiter" by the German commission for scientific diving (KFT)

The course prerequisites are:

- Thorough theoretical knowledge on diving medicine, diving physics, dive equipment and scientific diving operations
- Thorough scientific diving experience with at least 50h of scientific work under water (written proof required)
- Certification as scientific diver "geprüfter Forschungstaucher" by the German statutory accident insurance
- First-Aid certificate (not older than 1 year)
- Proof of dive fitness according to G31 (not older than 1 year)
- Active Scientific diver status (minimum dives per year according to DGUV 101-023)

To prepare until 14 days before the course:

- One risk assessment and briefing for a theoretical dive mission you will be assigned to 4 weeks before the course. You have to submit 3 suggestions for dive missions 6 week before the course.
- One risk assessment and briefing for real dive mission you have to conduct during the course. The dive mission will be assigned to you by the instructor team 4 week before the course.

The theoretical part of the course includes optional refresher online seminars:

- Five remote seminars (each 90 min) on the topic “German and European Law and regulations in scientific diving”

The practical part of the course includes:

- Demonstrate the ability to lead a dive mission
 - o Conduct a thorough risk assessment before every dive operation
 - o Instruct divers according to risk assessment to the mission
 - o Prepare and execute dive missions
 - o Act accordingly in a rescue scenario

The examination includes:

- Evaluation of the overall performance as dive mission leader
- Planning and execution of dive tasks with scientific diver candidates.
 - Thorough planning
 - Sufficient risk assessment
 - Safe execution of the dive task
 - Good management of a simulated severe diving accident

Certification:

The successful candidate will be certified as “Diver mission leader / Tauchsatzleiter für Forschungstaucher” by the KFT (German Commission for Scientific Diving)

Fees:

- The course is calculated on the basis of a full cost coverage with a basic course fee of 600 €. The course is designed for a maximum number of 3 applicants
- The minimum number of participants for the course is 2

Deadline for applications is 30.04.2023, 12:00

- Applications have to be send to 2023-helg@forschungstauchen-deutschland.de
 - Please include a scan of your logbook and PDF copies to proof your fulfilment of all listed prerequisites

Course schedule

Date	Program	Responsible for organisation
03.04.2023	Mandatory - Online session: 1. session "German and European Law and regulations in scientific diving" (90 min)	Philipp Fischer
24.04.2023	Mandatory - Online session: 2. session "German and European Law and regulations in scientific diving" (90 min)	Michael Schmid
02.05.2023	Mandatory - Online session: 3. session "German and European Law and regulations in scientific diving" (90 min)	Markus Brand
07.05.23, 13:00	Arrival by Ferry from Cuxhaven	
07.05.23, 14:00 – 16:00	Opening session with safety introductions	Michael Schmid
07.05.23, 16:00 – 17:00	Equipment preparation	Markus Brand
08.05.23, 09:00 – 12:00	Checkdive	Michael Schmid
08.05.23, 13:00 – 16:00	Presentation of fictional and practical risk assessment	Markus Brand
08.05.23, 16:30 - 18:00	Seminar tba	Michael Schmid
09.05.23, 08:00 - 12:00	Dive mission leading	Markus Brand
09.05.23, 13:00 - 16:00	Preparation of plan and risk assessment for dive day	Michael Schmid
09.05.23, 16:30 - 18:00	Seminar tba	Markus Brand
10.05.23, 08:00 - 12:00	Dive mission leading	Markus Brand
10.05.23, 13:00 - 16:00	Preparation of plan and risk assessment for dive day	Michael Schmid
10.05.23, 16:30 - 18:00	Seminar tba	Markus Brand
11.05.23, 08:00 - 12:00	Q&A Session, Dive Mission Leading	Michael Schmid
11.05.23, 14:00 - 18:00	Examination with scientific task and rescue scenario	Markus Brand
12.05.23, 09:00 - 11:00	Oral or written examination	Michael Schmid
12.05.23, 14:00 - 15:30	Debriefing of course	Michael Schmid
12.05.23, 16:00	Departure to Cuxhaven	Michael Schmid