

## Newsletter of the German Commission for Scientific Diving 12/2018

The German Commission for Scientific Diving<sup>1</sup> distributes the most important news on scientific diving in Germany and Europe in this newsletter. You can subscribe to or unsubscribe from the newsletter via the following link: <https://mailman.uni-konstanz.de/mailman/listinfo/news-forschungstauchen-deutschland>. Further information on scientific diving in Germany and Europe can be found on the KFT homepage [www.forschungstauchen-deutschland.de](http://www.forschungstauchen-deutschland.de). You can also download this and earlier KFT newsletters here: <http://www.forschungstauchen-deutschland.de/index.php/information/newsletter>, Section "Zum Archiv des KFT Newsletters"

### Topics:

1. Symposium on Scientific Diving in Rostock on 25/26 September 2019
2. Update DGUV<sup>2</sup> Regulation 101-023 (formerly BGR<sup>3</sup> "Deployment of scientific divers"
3. ESDP / MARS Meeting Nov 2018 in Crete.
4. 5th European Conference on Scientific Diving in Poland on 24-27th of April 2019.
5. 2018/2019 Annual meeting of the KFT in Oldenburg.
6. 2019 Courses on the KFT website
7. Survey on alien species (invasive neobiota) by the Federal Institute of Hydrology<sup>4</sup>

### 1. Symposium on Scientific Diving in Rostock on 25/26 September 2019

On 25 and 26 September 2019 a national symposium on scientific diving will take place in Rostock. You are cordially invited by the University of Rostock, the Institute for Baltic Sea Research Warnemünde and the German Commission for Scientific Diving. One of the reasons for holding the symposium in Rostock is the 600th anniversary of the University of Rostock, thus being the oldest university in the Baltic. Scientific diving has been carried out in Rostock since 1959 so that the university can look back on a 60 year experience in research diving. At the symposium, presentations and discussions on current research diving activities and methods in Germany and abroad as well as on the development of scientific diving at German universities, institutes and companies will be provided. The following four thematic blocks will be offered for presentations:

1. Scientific diving in Rostock
2. Scientific diving within maritime research in the age of climate change (coastal research, fisheries research, polar research, archaeology).
3. Man - machine interactions. Is it possible to combine modern underwater technology with man under water (scientific divers)?

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<sup>1</sup> Kommission Forschungstauchen, hereinafter abbreviated as "KFT"

<sup>2</sup> Deutsche Gesetzliche Unfallversicherung = German Statutory Accident Insurance, hereinafter abbreviated as DGVA

<sup>3</sup> Berufsgenossenschaftliche Regeln = German Rules of the Employer's Liability Insurance Association, hereinafter abbreviated as BGR

<sup>4</sup> Bundesanstalt für Gewässerkunde, hereinafter abbreviated as BfG

4. The statutory accident insurance for scientific divers. The official announcement of the symposium will follow shortly including the possibility to register.

## **2. Update DGUV Regulation 101-023 (formerly BGR "Deployment of Scientific Divers")**

Each five to seven years, the German Institution for Statutory Accident Insurance and Prevention in the Building Trade<sup>5</sup> reviews its rules and regulations and amends them to reflect changing working conditions, legislation and new findings. In 2018 we had to update our DGUV Rule 101-023 (formerly BGR/GUV 2112) "Deployment of Scientific Divers". In a number of meetings and written revisions between BG, KFT's Council of Speakers and KFT members during the year 2018, a nearly completed draft was produced which will be presented and discussed at a meeting of BG and KFT in Berlin by the end of the year. We would like to take this opportunity to thank the universities, research institutes and companies involved in the project for their numerous contributions and critical questions. Their input significantly helped to make the next DGUV Rule 101-023 (Version 2019) far more up-to-date and practice-oriented, whilst at the same time just as secure and resilient as the previous Version 2011. The KFT paid special attention to a clear formulation and if necessary, examples were provided to avoid uncertainties in the interpretation. Some errors in sample calculations that have been known for quite some time as well as passages that are no longer up-to-date, e.g. for wet re/decompression, have been completely deleted. We now hope that the DGUV Rule 101-023 Version 2019 will be published as soon as possible and that it can already be used in the upcoming training courses 2019.

## **3. ESDP / MARS Meeting Nov 2018 in Crete.**

The annual meeting of the European Scientific Diving Panel (ESDP) was held from 21 - 22 November 2018 in Heraklion / Crete. Topics were the inclusion of the ESDP in the MARS network ([www.marinstations.org/esdp](http://www.marinstations.org/esdp)). The MARS network was founded in 1995 as Forum of European Marine Stations with the aim to improve the networking between these infrastructures and to make better use of the logistics available and thus to improve scientific diving for European scientists. In 2016, the ESDP applied for membership in the MARS network, which was approved in 2018. For this reason the 2018 ESDP meeting was held in Heraklion, Crete, where a meeting with MARS network representatives took place at the same time. Further topics of the ESDP meeting were the establishment of a European database for scientific divers, the use of rebreathers in scientific diving and the continuation of the harmonisation regarding the different national training standards for scientific diving in Europe.

## **4. 5th European Conference on Scientific Diving in Poland from 24-27th of April 2019.**

The "5th European Conference on Scientific Diving" will take place in 2019 at the Institute of Oceanology, Polish Academy of Sciences, in Sopot, Poland. Target group of the symposium series, which take place every two years, are scientifically interested persons and institutions

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<sup>5</sup> Berufsgenossenschaft Bau, hereinafter abbreviated as BG.

engaged in the field of aquatic research supported by divers. This symposium also offers students a platform for exchanging experiences, establishing new contacts and future cooperation opportunities with colleagues. For more information on the symposium and registration see: <http://www.ecsd5.org/>

## **5. 2018/2019 Annual meeting of the KFT in Oldenburg.**

The 2018/2019 KFT Annual Meeting will take place on February 6th and 7th, 2019 in Oldenburg either at the Institute for Chemistry and Biology of the Sea (ICBM) or at the Helmholtz Institute for Marine Biodiversity (HIFMB). As in previous years, the meeting will begin at 12.00 p.m. with a joint lunch and will end at 3.00 p.m. on the following day. A special invitation to KFT members will be sent out soon.

## **6. 2019 Courses on the KFT website**

The current course dates of the training companies for 2019 can be found on the KFT website at [www.forschungstauchen-deutschland.de/index.php/termine-2018-19](http://www.forschungstauchen-deutschland.de/index.php/termine-2018-19).

## **7. Survey on alien species (invasive neobiota) by the Federal Institute of Hydrology**

The BfG and the BSH<sup>6</sup> are working together in the framework of the BMVI<sup>7</sup> expert network on so-called neobiota (alien species) in domestic waters and are asking for assistance.

A questionnaire will be used to determine which alien aquatic species can be found in specific waters and may cause ecological or economic problems, to what extent measures are being taken in this regard and whether they are successful. The KFT supports this official initiative and encourages its members to fill in the questionnaire. You will not need more than 5 - 10 minutes to do so. You can fill in the questionnaire online at <https://linmantis60.bsh.de/limesurvey/index.php/396939?lang=de>

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For further questions please contact: [info@forschungstauchen-deutschland.de](mailto:info@forschungstauchen-deutschland.de)

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<sup>6</sup> Bundesamt für Seeschifffahrt und Hydrographie = Federal Maritime and Hydrographic Agency

<sup>7</sup> Bundesministerium für Verkehr und digitale Infrastruktur = Federal Ministry of Transport and Digital Infrastructure