



## Application form A for the Advanced European Scientific Diver (AESD)

Full Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Date of Birth : \_\_\_\_\_

E-mail address: \_\_\_\_\_

Address, print name, signature and stamp of the Head of the issuing German Certified Education Centre for Scientific Diving.

\_\_\_\_\_  
\_\_\_\_\_



Send:

- Completed application form A and application form B.
- Payment document for the administration fee of € 60 (reduced fee 30 € - applies only in combination with a documentary evidence according to the KFT - Info - [http://www.forschungstauchen-deutschland.de/downloads/info\\_zertifizierung.pdf](http://www.forschungstauchen-deutschland.de/downloads/info_zertifizierung.pdf) - section „Allgemeine Regelungen“), payable to: Kommission Forschungstauchen Deutschland, **Keyword: AESD - Certification “your name”**, account number: Sparkasse Südholstein, IBAN: DE33 2305 1030 0015 1999 79, BIC: NOLADE21SHO.
- Proof of the valid certification “German certified scientific diver“ (geprüfter Forschungstaucher), (Photocopies accepted).
- Proof of diving experience according to the “Minimal Standards for Advanced European Scientific Diving”, signed by the above named German Certified Education Centre for Scientific Diving (see overleaf and application form B). **The applicant has to provided evidence for all overleaf listed skills to the German Commission for Scientific Diving by records in the official nationally accepted logs, countersigned by suitably qualified persons (e.g. certified Supervisor of Scientific Diving)**, (Photocopies accepted).

To:

Alfred Wegener Institute, Helmholtz Center for Polar and Marine Research  
Biological Station Helgoland  
Center for Scientific Diving  
Certification Authority/German Commission for Scientific Diving  
27498 Helgoland  
Germany  
philipp.fischer@awi.de

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For official use only:

Date application received:

Date dispatched:

AESD Nr.:

Approved / Refused

Date of expiry of certificate (valid 5 years):

Name of applicant: \_\_\_\_\_

Date: \_\_\_\_\_

THE ADVANCED EUROPEAN SCIENTIFIC DIVER

The AESD must provide full evidence of the following skills:

<p><b>- show proof of theoretical knowledge and a comprehensive understanding of:</b></p>	<p>Proved by: date, name and stamp of an certified education center. Collective signatures (spanning over more than one field are <b>NOT</b> valid).</p>	<p>Documents attached to show proof (only national accepted logs countersigned by a certified instructor for scientific diving are accepted).</p>	<p>Documents valid (to be signed by the KFT)</p>
<p>1. diving physics and physiology, the causes and effects of diving related illnesses and disorders and their management.</p>			
<p>2. the specific problems associated with diving to and beyond 30m, calculations of air requirements, correct use of decompression tables.</p>			
<p>3. equipment, including personal dive computers and guidelines as to their safe use.</p>			
<p>4. emergency procedures and diving casualty management.</p>			
<p>5. the principles and practice of dive planning and the selection and assessment of divers.</p>			
<p>6. legal aspects and responsibilities relevant to scientific diving in Europe and elsewhere</p>			
<p>7. dive project planning.</p>			

Name of applicant: \_\_\_\_\_

Date: \_\_\_\_\_

<b>- be fully competent with/in:</b>	Proved by: date, name and stamp of an certified education center. Collective signatures (spanning over more than one field are <b>NOT</b> valid).	Documents attached to show proof (only national accepted logs countersigned by a certified instructor for scientific diving are accepted).	Documents valid (to be signed by the KFT)
1. diving first aid, including CPR and oxygen administration to diving casualties.			
2. SCUBA rescue techniques and management of casualties.			
3. the use and user maintenance of appropriate SCUBA diving equipment, including dry suits and full face masks.			
4. basic small boat handling, and electronic navigation.			
5. supervision of diving operations.			
<b>- be fully competent with:</b>			
1. search methods, such as those utilising free swimming and towed divers together with remote methods suitable for a various range of surface and sub-surface situations.			
2. survey methods, both surface and sub-surface, capable of accurately locating and marking objects and sites.			
1. the basic use of airbags and airlifts for controlled lifts, excavations and sampling.			

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- be fully competent with:	Proved by: date, name an stamp of an certified education center. Collective signatures (spanning over more than one field are <b>NOT</b> valid).	Documents attached to show proof (only national accepted logs countersigned by a certified instructor for scientific diving are accepted).	Documents valid (to be signed by the KFT)
2. basic rigging and rope work, including the construction and deployment of transects and search grids.			
3. underwater navigation methods using suitable techniques.			
4. recording techniques.			
5. roped/tethered diver techniques and various types of underwater communication systems such as those utilising visual, aural, physical and electronic methods.			
6. sampling techniques appropriate to the scientific discipline being pursued.			

- show proof of having undertaken 100 open water dives, to include a minimum of:	Proved by: date, name an stamp of an certified education center. Collective signatures (spanning over more than one field are <b>NOT</b> valid).	Documents attached to show proof (only national accepted logs countersigned by a certified instructor for scientific diving are accepted).	Documents valid (to be signed by the KFT)
1. 50 dives with a scientific task of work, such as listed above.			
2. 10 dives between 20 m and 29 m.			
3. 10 dives between 29 m and the national limit.			

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4. 12 dives in the last 12 months, including at least 6 with a scientific task of work.			
5. 20 dives in adverse conditions, such as currents, cold water, or moving water.			
6. Acting as “supervisor for scientific diving” according to GUV-R2112 for at least 20 scientific dives. <b>(Note:</b> Acting as supervisor for scientific dives includes also the nomination as substitute supervisor while the nominated supervisor acts as member of the dive team. The nominated supervisor has to sign the applicant’s log with the remark that the applicant has acted as “substitute supervisor” according to GUV R-2112, section 5.1.).			

I hereby testate, that all statements and submitted documents are valid and correct.

Date and signature of the applicant

Additional comments: