



**Telefon:** 49(0) 4721 78 0  
**49(0) 4721 78 5 emergency call**  
**Fax:** 49(0) 4721 78 1520  
**E-mail:** medico@tmas-germany.de  
**Internet:** www.tmas-germany.de  
**MRCC Bremen:** 49(0) 421 536870

**Anleitung zur Gesundheitspflege auf kauffahrteischiffen**

Chapter Attach. B No.

**16. Diving Accident**

<p><b>Possible causes:</b></p> <ul style="list-style-type: none"> <li>• <b>Panic stop:</b></li> <li>• <b>Barotrauma:</b> during descent</li> <li>• <b>Decompression accident:</b> (Decompression sickness, dysbarism) during ascent</li> <li>• <b>Asphyxiation during the dive</b> Shallow water faint “Swimming pool blackout”</li> <li>• <b>Hypothermia</b></li> <li>• <b>Acute illness during the dive</b></li> </ul>	<p>B.2.8. B.2.8.2.1.</p> <p>B.2.8.1.6. B.2.8.1.7.</p> <p>B.2.5.7.</p>	
<p><b>Recovery:</b></p> <ul style="list-style-type: none"> <li>• <b>Observe precautions for your own safety.</b></li> <li>• <b>Keep victim in horizontal position as much as possible.</b></li> <li>• <b>Avoid further loss of body heat.</b></li> <li>• <b>Find out about number of people involved.</b></li> <li>• <b>Find and evaluate diving computer.</b></li> </ul>		
<p><b>First aid:</b></p> <ul style="list-style-type: none"> <li>• <b>Horizontal position:</b> lying on back if victim can speak; if unconscious, in stable lateral position.</li> <li>• <b>Give pure oxygen for breathing as far as possible.</b></li> <li>• <b>If possible, start infusion.</b></li> <li>• <b>Be prepared to start CPR.</b></li> </ul>	<p>C.1.7.1.</p> <p>C.1.5. C.1.1.</p>	<p>23.02 11.01, 11.03 23.02 – 23.08, 25.02</p>
<p><b>Further treatment:</b></p> <ul style="list-style-type: none"> <li>• <b>Barotrauma with:</b> burst eardrum, hearing disorders, dizziness, vomiting, bleeding from the ears: <b>sterile ear bandage.</b> Nosebleed: <b>ice pack on forehead and neck.</b> Shortness of breath, coughing: <b>oxygen mask.</b> <b>Pain relievers.</b></li> <li>• <b>Decompression sickness with:</b> Muscle and joint pains, headache: <b>pain relievers</b> Chest pain with shortness of breath: <b>oxygen mask</b> Skin discolouration with itch Vision, hearing and speaking disorders Feeling unwell, signs of paralysis, unsteady walk. Increasing loss of consciousness, cramps, coma.</li> </ul> <p><b>Generally should drink a lot of liquid (ca. 1 litre/hour for 2 – 3 hours) no alcohol, coffee or tea</b></p> <p><b>Be prepared to treat subsidiary problems which frequently occur such as asphyxiation and hypothermia. Keep warm.</b></p> <p><b>Take to decompression treatment as fast as possible by helicopter. Maintain low flight altitude, transport in decompression chamber is better.</b></p>	<p>B.2.8. ff</p> <p>B.3.6.2.5.</p> <p>B.2.8.2.1.</p>	<p>19.01, 19.10</p> <p>23.02 5.01</p> <p>5.01 23.02</p>
<p><b>Further measures:</b></p> <ul style="list-style-type: none"> <li>- <b>Frequent check of breathing, consciousness, circulation</b></li> <li>- <b>Doctor – consultation appointment.</b></li> <li>- <b>Telemetric monitoring of oxygen saturation and ECG</b></li> </ul>		