

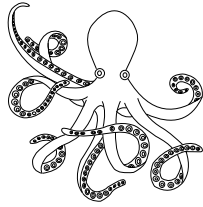
Diving & ROV **specialists**



Index for document research

***Diving & ROV procedures and standards
stored in the website database***

April 2025



Diving & ROV Specialists

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Purpose

This document lists the papers on ***"Diving and ROV Procedures and standards"*** archived in the relevant section of the "Diving and ROV Specialists" website database.

Its purpose is to serve as a supplementary resource for research to the chronological list and search engine capabilities. For this reason, the various documents are categorized under the following sub-sections:

- Guidelines
- Rules and acts
- Decompression tables

Categorizations will be refined over time. However, it is impractical to provide search engines and classifications that fully reflect researchers' preferences. Therefore, it is hoped that these three search methods will enable you to find the documents you seek.

Unlike the website's chronological index, this document does not include descriptions of the content of the various papers. However, the chronological classification number, authors' names, and publication dates are available, allowing you to locate them in the chronological lists where the descriptions and download links are provided.

This list was published on 1 September 2024. Please note that new documents added for this edition of the website are listed for each main section on the home page of the website.



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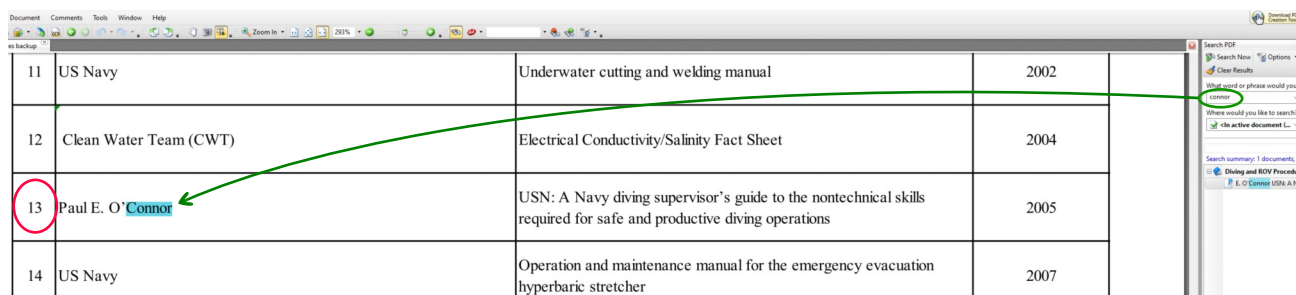
Important note:

This document is in PDF (Portable Document Format), so it can be downloaded and used independently of the website. It is also worth noting that some PDF readers come with a built-in search engine. This feature allows users to locate specific documents by entering relevant keywords, making document retrieval more efficient and convenient. It is, therefore, possible to find the desired document by browsing the list or by using the aforementioned search engine. Among the many free PDF readers available on the Internet, the four listed below include the aforementioned search engine:

- WPS Office (<https://www.wps.com/>) - works on Windows, Mac OS, and Linux
- PDF X Change Viewer (<https://pdf-xchange.eu/pdf-xchange-editor/index.htm>) - Works on Windows and Mac OS.
- Foxit Reader (<https://www.foxit.com/pdf-reader/>) - Works on Windows, Linux , and Mac OS
- Adobe Acrobat Reader (<https://get.adobe.com/reader/>) - Works on Windows and Mac Os.

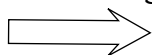
To locate a document within the chronological presentation of the database:

1. Follow the list and select the desired document, or use the search function of the PDF software by entering the keyword in the dedicated field. In this example, the author's name (Paul E. O'Connor) has been used.



11	US Navy	Underwater cutting and welding manual	2002
12	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
13	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
14	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007

2. Select the reference number (highlighted in red) and the year of publication (2005 in this example).
3. On the website, open the corresponding section and year of publication in the database (accessible via "Documents" in the navigation bar).



Diving & ROV procedures and standards

This section provides currently enforced diving standards and guidelines adopted by national bodies or published by professional organizations. It also includes procedures published by highly skilled independent authors that can serve as references. Links are provided to organizations that publish paid documents frequently used or imposed on contractors.

Note that we believe that every standard or norm imposed on contractors should be available free of charge.

Diving & ROV procedures

- Documents years 2019 to today

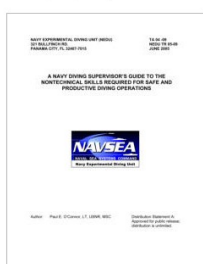
- Documents years 1960 to 2018

Historical

This section provides historical standards and procedures that have been used in the past.

4. Scroll down to find the corresponding number, title, and author's name in the chronological list. Click on the picture or the description, and enjoy.

13 - USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations



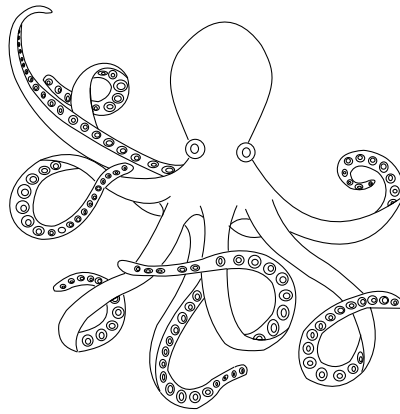
Author: Paul E O'Connor

The purposes of this guide are to provide information on the nontechnical skills required for safe and productive operations by U.S. Navy dive teams. Nontechnical skills are required for safe and effective performance in a technical context but are not directly related to technical expertise. The nontechnical skills addressed in this guide include situation awareness, decision making, team working/leadership, and mitigating the effects of stress and fatigue. Communication is not included as a separate topic since it underpins every one of these skills.

Reference USN: NEDU TR 05-09

Date: June 2005

Guidelines

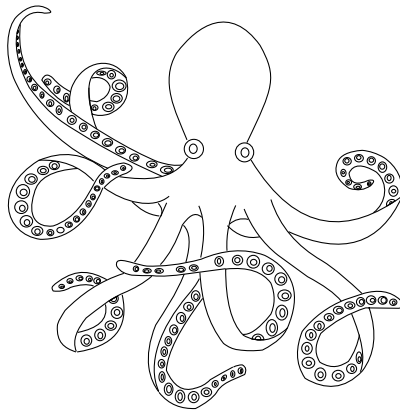


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 2018			
1	Dr Wright	Unit Pulmonary Toxic Doses (UPTD) tables according to the document "Use of the University of Pennsylvania institute for environmental medicine: Procedure for calculation of cumulative oxygen toxicity"	1972
3	Government of Russia	Russian Saturation Diving tables	
5	UK-HSE	A guide to the Work in Compressed Air Regulations 1996	1996
6	UK - HSE	UK HSE - A guide to the Work in Compressed Air Regulations 1996 & 2002	1996-06
7	M. Caccia, G. Bruzzone, & G. Veruggio	Active sonar-based bottom-following for unmanned underwater vehicles	1998
8	Marine Technology Society - ROV committee	Operational effectiveness of unmanned underwater systems	1998
9	US Navy	Emergency ship salvage material catalog - Vol. 1 - Salvage equipment	1999
10	US Navy	Emergency ship salvage material catalog - Vol. 2 - pollution equipment	1999
12	US national imagery and mapping agency	Atlas of pilot charts: Indian Ocean (2001), North Pacific Ocean (1994), South Pacific Ocean (1998), North Atlantic Ocean (2002), South Atlantic Ocean (1995)	2002
15	US Navy	Underwater cutting and welding manual	2002
16	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
17	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
18	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007
19	US Navy	Cleaning and gas analysis for diving application handbook	2008
20	M. Stipanov, V. Bakarić, Z. Eškinja	ROV use for cave mapping and modeling	2008
21	J. Łabanowski, D. Fydrych, G. Rogalski	Underwater welding - A review	2008
22	Terence M Browne, Thomas J. Collins, Michael J. Garlich, John E. O'Leary, & 2 authors	Underwater bridge inspection	2010
23	Terence M Browne, Thomas J. Collins, Michael J. Garlich, John E. O'Leary, & Katherine C. Heringhaus	Underwater Bridge Repair, Rehabilitation, and Countermeasures	2010
24	NOAA	NOAA - Diving Medical Standards and Procedures Manual (edition 08/2010)	2010
25	World Health Organization	World Health Organization - Guide to ship sanitation - Third edition	2011
27	Peter F. Straub, Steven Evert, Tara L. Harmer Luke, & Mark C. Sullivan	Mapping of artificial reef habitats by side scan sonar and ROV in the northwestern mid-atlantic coastal ocean	2013
28	US Navy	US Navy salvage manual volume #1 Standings, harbor clearance, and afloat salvage	2013

29	US Navy	US Navy salvage manual volume #2 Pol offloading	2013
36	Robert D. Christ, & Robert L. Wernli	The ROV Manual - A User Guide for Remotely Operated Vehicles	2014
41	DNV-GL	DNV-GL: Guideline for offshore diving	2016
42	Marine transfer forum	Offshore personnel transfer by crane	2016
43	Orca Maritime Inc., N. Cooper, & S. Cooke	A guide to survey and clearance of underwater explosive ordnance	2016
45	N. Crasta, D. Moreno-Salinas, M. Bayat, A. M. Pascoal, J. Aranda	Optimal Motion Planning for Range-Based Marine Vehicle Positioning in the Presence of Unknown Currents	2016-12
46	NOAA	Operating Standards for NOAA Hyperbaric Chambers	2017-01
47	European Diving Technology committee	EDTC - safe working practices (Francis)	2017
48	Francis Hemans	How do you cut underwater - survey result	2017
50	Oil Companies International Marine Forum	Transfer of Personnel by Crane between Vessels	2018
2019 - Now			
3	Francis Hemans	Influence of oxygen purity in underwater cutting	2019
5	Francis Hemans	Explosiveness of the underwater residual cutting gasses Part 1: Fresh water	2019
6	NAVSEA	USN: Guidance for diving in contaminated waters	2019
7	ICS, BIMCO, IGP, I Clubs, Intercargo, Intertanko, & OCIMF	BMP West Africa (2020)	2020
8	NAVSEA	USN: Submarine rescue system decompression plan	2020
9	Jacquomo Monk, Neville Barrett, Todd Bond, Ashley Fowler, Dianne McLean, Julian Partridge, Nicholas Perkins, Rachel Przeslawski, Paul G Thomson, & Joel Williams.	Marine Biodiversity hub - Field Manual for Imagery Based Surveys using Remotely Operated Vehicles (ROVs)	2020-07
10	Joseph H. Tarnecki, & William F. Patterson III	A mini ROV-based method for recovering marine instruments at depth	2020
11	US Navy	US Navy Salvor's Handbook	2021
12	IOGP	IOGP 411 + others (Internet link)	2021
13	UK - HSE	UK HSE Managing offshore shift work and fatigue risk	2021-03
14	U.S. Dept of the Interior	U.S. Department of the Interior : Diving Safe Practices Manual - Underwater Inspection Program	2021
15	Chenyu Zhao, Philipp R. Thies, & Lars Johanning	Offshore inspection mission modelling for an ASV/ROV system	2021
18	Francis Hemans	Underwater Cutting Explosions Causes / Effects / Consequences & Prevention	2021

19	ADCI, & OSHA	Delta-P diving checklist	2021
20	Natalie Summers, Geir Johnsen, Aksel Mogstad, Håvard Løvås & 3 scientists	Underwater Hyperspectral Imaging of Arctic Macroalgal Habitats during the Polar Night Using a Novel Mini-ROV-UHI Portable System.	2022
21	US Government	US Environmental protection agency - Diving safety manual	2022-05
22	Dave Chen Lung Chong, Ave Suhendra Suhaili, Sok Mooi Ng, Wan Hariz & 6 scientists	Vessel-less underwater inspection at fixed offshore structures by utilizing mini remotely operated vehicle (Mini ROV).	2022
28	ITA	ITA Working Group 5 'Health & Safety in Works' In Association with the British Tunnelling Society Compressed Air Working Group	2024-03
31	DMAC	Diving medical advisory Committee (DMAC) - (Link to guidelines)	
32	IMCA	(Link to guidelines)	
33	ADCI	International consensus for commercial diving and underwater operations - Edition 6.5	2025-01

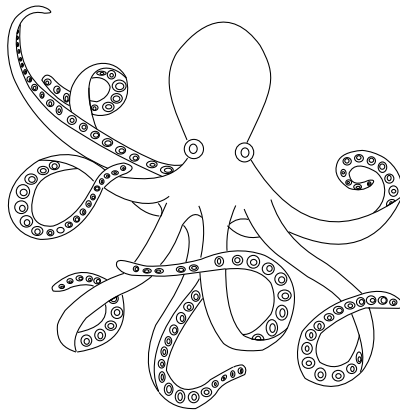
Rules and acts



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 2018			
11	German Employers' Liability Insurance Association	Regulations for health and safety at work issued by the German Employers' Liability Insurance Association - Diving BGV C23	2001
13	Canadian department of safety procedure	Canadian department of safety procedures - Underwater diving program	2002-04
14	Ministry of defense of the	Ministry of defense of the Russian Federation - Organization of deep sea diving	2002-12
26	Occupational Safety and Health administration (OSHA)	OSHA - 29 CFR Part 1910, Subpart T – Commercial Diving Operations	2011-06
30	Danish government	Danish consolidated act on diving operations and diving equipment	2014
31	UK HSE	UK diving at work regulations - Approved code of practice (Internet link)	2014
32	South African Department of Labour	The South African Department of Labour: Code of practice commercial diver training	2014
33	South African Department of Labour	The South African Department of Labour: Code of practice for inshore diving	2014
34	South African Department of Labour	The South African Department of Labour: Code of practice for scientific diving	2014
35	Korean Ministry of Employment and Labor	Korean decompression tables for High-Pressure Work in caisson and tunneling 2014 - [Ministry of Employment and Labor Notification No. 2014-28, Partial Revision]	2014-08
37	NOK	Dutch regulations 2014	2014
38	US dept of homeland security	US dept of homeland security - Commercial diving operations	2014-12
39	UK-HSE	The medical examination and assessment of commercial divers (MA1	2015
40	Norsok standards	Norsok standarts U100 (Internet link)	2015
49	David Smart	Back to the future: occupational diver training in Australia	1997
51	New Zealand health and safety at work	New Zealand Health and Safety at Work Act Nov. 2018 - Bounce diving	2018
52	Irish HSW	Irish safety, health, and welfare at work (diving) regulations 2018	2018
2019 - Now			
2	French ministry of Labour	Arrêté du 14 mai 2019 relatif aux travaux hyperbares effectués en milieu subaquatique (mention A)	2019
4	Irish HSA	Irish Health and Safety Authority: Code of Practice for Offshore Diving	2019
16	OSHA	OSHA diving directive - June 2011	2021
23	NOK	Dutch legislation - working condition - Hyperbaric labor	2022-08
24	South african ministry labour	Registration criteria for diving entities in accordance with the commercial diving regulations 2022	2022

25	NOAA	NOAA - Diving Standards & Safety Manual - 2023	2023
26	IMO	Resolution MSC.548(107) (adopted on 5 June 2023) International code of safety for diving operations	2023
27	UK-HSE	UK HSE Medical examination and assessment of working divers (MA1)	2023-06
29	French ministry of labor	French ministry of labour: Order of April 22, 2024 regarding hyperbaric work performed without immersion (endorsement D)	2024-04
30	Jan Risberg, Geir Gundersen, & Olav Sande Eftedal	Norwegian table 6th edition	2024-05
34	UK HSE	EH75/2 Occupational exposure limits for hyperbaric conditions	2000
35	UK HSE	EH40/2005 - Work place exposure limits	2005

Decompression tables



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 2018			
2	DCIEM	Diving manual	1992
3	Government of USSR	USSR Saturation Diving tables	
4	Ministere du travail	Coral fishing trimix decompression table	1995
14	Ministry of defense of the Russian Federation	Ministry of defense of the Russian Federation - Organization of deep sea diving	2002-12
35	Korean Ministry of Employment and Labor	Korean decompression tables for High-Pressure Work in caisson and tunneling 2014 - [Ministry of Employment and Labor Notification No. 2014-28, Partial Revision]	2014-08
44	US Navy	US Navy diving manual - revision 7	2016
2019 - Now			
1	French ministry of Labour	French regulation 2019	2019
17	Brazilian Navy	Normam 15/DPC rev 3	2021
29	French ministry of labor	French ministry of labour: Order of April 22, 2024 regarding hyperbaric work performed without immersion (endorsement D	2024-04
30	Jan Risberg, Geir Gundersen, & Olav Sande Eftedal	Norwegian table 6th edition	2024-05

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