

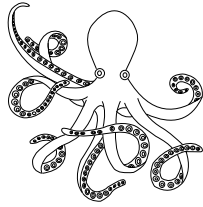
Diving & ROV **specialists**



Index for document research:

Diving & ROV procedures and standards

December 2025



Diving & ROV Specialists

52/2 moo 3 tambon Tarpo 65000 Phitsanulok - Thailand

Tel: +66 857 277 123 - E mail: info@ccoLtd.co.th

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.



This document has been generated by CCO Ltd - 52/2 Moo 3, Tambon Tarpo, 65000 Phitsanulok, Thailand, for the website "Diving and ROV Specialists.com."

Please note that the documents indexed are protected by copyright and, thus, remain the property of their authors despite being publicly released. As a result, they can be downloaded and used in part or whole for free, provided their authors' names are mentioned, and no modifications are made to their texts.

CCO Ltd is responsible for publishing these documents. However, please note that while every effort is made to ensure their conformance to the original publications, CCO Ltd will not assume liability for modifications made independently of their authors that may not have been detected during the selection process, nor for any use of these documents by the readers.

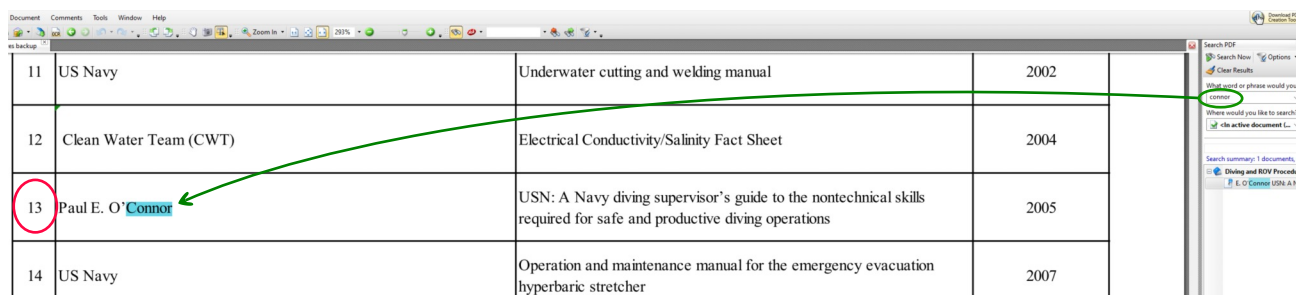
Important note:

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.

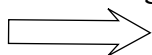
To locate a document within the chronological presentation of the database:

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

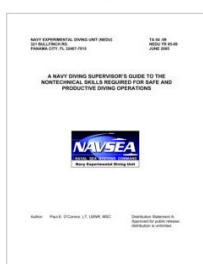
- Documents years 1960 to 2018

Historical

This section provides historical standards and guidelines 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



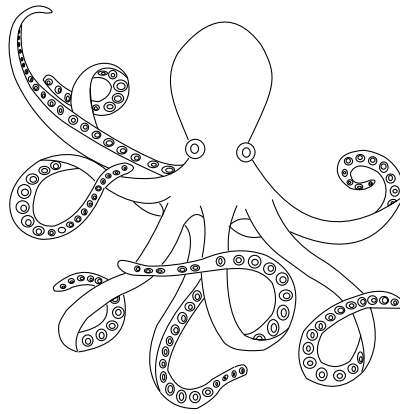
Author: Paul E O'Connor

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

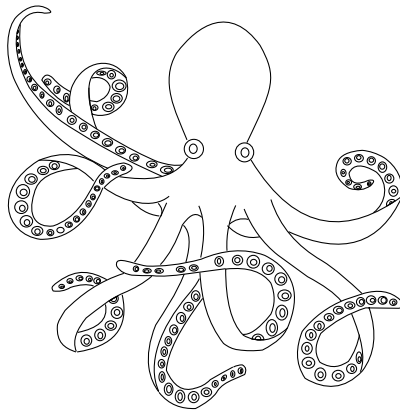


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 2018			
1	Dr Wright	Unit Pulmonary Toxic Doses (UPTD) tables according to the document "Use of the University of Pennsylvania institute for environmental medicine: Procedure for calculation of cumulative oxygen toxicity"	1972
5	Government of Russia	Russian Saturation Diving tables	
7	UK-HSE	A guide to the Work in Compressed Air Regulations 1996	1996
8	UK - HSE	UK HSE - A guide to the Work in Compressed Air Regulations 1996 & 2002	1996-06
10	M. Caccia, G. Bruzzone, & G. Veruggio	Active sonar-based bottom-following for unmanned underwater vehicles	1998
11	Marine Technology Society - ROV committee	Operational effectiveness of unmanned underwater systems	1998
12	US Navy	Emergency ship salvage material catalog - Vol. 1 - Salvage equipment	1999
13	US Navy	Emergency ship salvage material catalog - Vol. 2 - pollution equipment	1999
15	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
18	US Navy	Underwater cutting and welding manual	2002
19	Clean Water Team (CWT)	Electrical Conductivity/Salinity Fact Sheet	2004
20	Paul E. O'Connor	USN: A Navy diving supervisor's guide to the nontechnical skills required for safe and productive diving operations	2005
21	US Navy	Operation and maintenance manual for the emergency evacuation hyperbaric stretcher	2007
22	US Navy	Cleaning and gas analysis for diving application handbook	2008
24	M. Stipanov, V. Bakarić, Z. Eškinja	ROV use for cave mapping and modeling	2008
25	J. Łabanowski, D. Fydrych, G. Rogalski	Underwater welding - A review	2008
27	Terence M Browne, Thomas J. Collins, Michael J. Garlich, John E. O'Leary, & 2 authors	Underwater bridge inspection	2010
28	Terence M Browne, Thomas J. Collins, Michael J. Garlich, John E. O'Leary, & Katherine C. Heringhaus	Underwater Bridge Repair, Rehabilitation, and Countermeasures	2010
30	NOAA	NOAA - Diving Medical Standards and Procedures Manual (edition 08/2010)	2010
31	World Health Organization	World Health Organization - Guide to ship sanitation - Third edition	2011
34	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
35	US Navy	US Navy salvage manual volume #1 Standings, harbor clearance, and afloat salvage	2013

36	US Navy	US Navy salvage manual volume #2 Pol offloading	2013
43	Robert D. Christ, & Robert L. Wernli	The ROV Manual - A User Guide for Remotely Operated Vehicles	2014
49	DNV-GL	DNV-GL: Guideline for offshore diving	2016
50	Marine transfer forum	Offshore personnel transfer by crane	2016
51	Orca Maritime Inc., N. Cooper, & S. Cooke	A guide to survey and clearance of underwater explosive ordnance	2016
52	US Navy	US Navy diving manual - revision 7	2016
53	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
55	NOAA	Operating Standards for NOAA Hyperbaric Chambers	2017-01
56	European Diving Technology committee	EDTC - safe working practices (Francis)	2017
57	Francis Hemans	How do you cut underwater - survey result	2017
59	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
8	ICS, BIMCO, IGP, I Clubs, Intercargo, Intertanko, & OCIMF	BMP West Africa (2020)	2020
9	NAVSEA	USN: Submarine rescue system decompression plan	2020
10	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
11	Joseph H. Tarnecki, & William F. Patterson III	A mini ROV-based method for recovering marine instruments at depth	2020
13	US Navy	US Navy Salvor's Handbook	2021
14	IOGP	IOGP 411 + others (Internet link)	2021
15	UK - HSE	UK HSE Managing offshore shift work and fatigue risk	2021-03
16	U.S. Dept of the Interior	U.S. Department of the Interior : Diving Safe Practices Manual - Underwater Inspection Program	2021
17	Chenyu Zhao, Philipp R. Thies, & Lars Johanning	Offshore inspection mission modelling for an ASV/ROV system	2021

19	Valteri Laine, Floris Goerlandt, Osiris Valdez Banda, Michael Baldauf, Yvonne Koldenhof, Jorma Rytönen	A risk management framework for maritime Pollution Preparedness and Response: Concepts, processes and tools	2021-07
21	Francis Hemans	Underwater Cutting Explosions Causes / Effects / Consequences & Prevention	2021
22	ADCI, & OSHA	Delta-P diving checklist	2021
23	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
24	US Government	US Environmental protection agency - Diving safety manual	2022-05
25	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
29		The Netherlands: Working under Hyperbaric Conditions - System and Maintenance Requirements - WOD-SOE - Document code: CAT 002.4 UK	2023-02
30		The Netherlands: Working under Hyperbaric Conditions - Diving Work SCUBA- Category A1 - Document code CAT 001.5 II UK	2023-02
32		Finland - Occupational Safety and Health Act #738/2002 with amendments 2023 - English version	2023-06
36	ITA	ITA Working Group 5 'Health & Safety in Works' In Association with the British Tunnelling Society Compressed Air Working Group	2024-03
41	Adiana Milea & Lucian-Ionel Cioga	Methods for identifying and assessing risk of Occupational injury and disease - Their suitability for assessing emerging risks	2024-12
42	Emmanuel Ok, & Johnson Eniola	Artificial Intelligence as a Tool for Managing Uncertainty and Emerging Risks	2024-12
43	Kimberly Galvez et al	NOAA Ocean Exploration ROV and Telepresence Deepwater Exploration Procedures Manual	2025-01
44	Edward Aigbedion, Olushola Babatunde Ayorinde, & Babatunde Adebisi	Leadership and organizational change in high-risk industries: A model for managing engineering change in oil and gas operations	2025-02
46	DMAC	Diving medical advisory Committee (DMAC) - (Link to guidelines)	
47	IMCA	(Link to guidelines)	
48	ADCI	International consensus for commercial diving and underwater operations - Edition 6.5	2025-01

Rules and acts

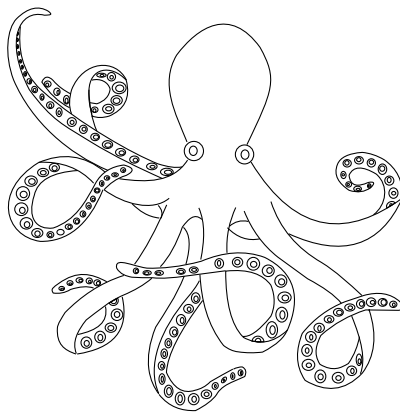


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1960 - 2018			
2		UK health and Safety at work act 1974	1974-07
4		UK Offshore Safety Act 1992	1992-03
9		UK- Diving at work regulations 1997	1998-04
14	German Employers' Liability Insurance Association	Regulations for health and safety at work issued by the German Employers' Liability Insurance Association - Diving BGV C23	2001
16	Canadian department of safety procedure	Canadian department of safety procedures - Underwater diving program	2002-04
17	Ministry of defense of the	Ministry of defense of the Russian Federation - Organization of deep sea diving	2002-12
23		Italy: The "Code" On Health And Safety Protection Of Employees In The Workplace (Legislative Decree 81/2008) (By Gianni, Origoni, Grippo & partners)	2008-06
26		Italy: Disciplina delle attività subacquee e iperbariche (Regulation of underwater and hyperbaric activities (Italian version)	2009-07
29		Italy: Health and Safety in diving and Hyperbaric professional activities - Operational procedures - Italian version	2010-06
32	Occupational Safety and Health administration (OSHA)	OSHA - 29 CFR Part 1910, Subpart T – Commercial Diving Operations	2011-06
33		Germany: Unfallverhütungsvorschrift Taucherarbeiten (Accident prevention regulation - Diving work)	2012-01
37	Danish government	Danish consolidated act on diving operations and diving equipment	2014
38	UK HSE	UK diving at work regulations - Approved code of practice (Internet link)	2014
39	South African Department of Labour	The South African Department of Labour: Code of practice commercial diver training	2014
40	South African Department of Labour	The South African Department of Labour: Code of practice for inshore diving	2014
41	South African Department of Labour	The South African Department of Labour: Code of practice for scientific diving	2014
42	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	NOK	Dutch regulations 2014	2014
45	US dept of homeland security	US dept of homeland security - Commercial diving operations	2014-12
46	UK-HSE	The medical examination and assessment of commercial divers (MA1	2015
47		The Netherlands: Working conditions decree (English, uncontrolled version)	2015-07

48	Norsok standards	Nosok standartis U100 (Internet link)	2015
54		France: Arrêté du 12 décembre 2016 définissant les modalités de formation à la sécurité des travailleurs exposés au risque hyperbare (Decree of December 12, 2016 defining the training requirements for workers exposed to hyperbaric risk)	2016-12
58	David Smart	Back to the future: occupational diver training in Australia	1997
60		Nigeria: Factories (Diving at work) regulations 2018	2018-06
61	New Zealand health and safety at work	New Zealand Health and Safety at Work Act Nov. 2018 - Bounce diving	2018
62	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
7		UK HSE - Diving at Work Regulations 1997 List of Approved Diving Qualifications - 2020	2020-02
12		Germany: Tauchen mit Mischgas (Diving with mixed gas) - German version	2020-09
18	OSHA	OSHA diving directive - June 2011	2021
26	NOK	Dutch legislation - working condition - Hyperbaric labor	2022-08
27	South african ministry labour	Registration criteria for diving entities in accordance with the commercial diving regulations 2022	2022
28	NOAA	NOAA - Diving Standards & Safety Manual - 2023	2023
31	IMO	Resolution MSC.548(107) (adopted on 5 June 2023) International code of safety for diving operations	2023
33	UK-HSE	UK HSE Medical examination and assessment of working divers (MA1)	2023-06
34		Normam-222/DPC - Maritime Authority Standards for underwater Activities - Portuguese version (Directoria de portos e costa)	2023-06
35	Oleg Bazaluk, Vitaliy Tsopa, Serhii Cheberiachko, Oleg Deryugin, Dmytro Radchuk, Oleksandr Borovytskyi, and Vasyl Lozynskyi	Ergonomic risk management process for safety and health at work	2023-11
37	French ministry of labor	French ministry of labour: Order of April 22, 2024 regarding hyperbaric work performed without immersion (endorsement D)	2024-04
38	Jan Risberg, Geir Gundersen, & Olav Sande Eftedal	Norwegian table 6th edition	2024-05
39		The Netherlands: Working under Hyperbaric Conditions - Diving Work - SSE Document code CAT 001.6 III UK	2024-12
40		The Netherlands: Working under Hyperbaric Conditions - Diving Work - Dry diving bell/saturation - Document code CAT 001.6 IV UK	2024-12
45		France: Code du travail - Chapitre Ier: Prévention des risques en milieu hyperbare - version 2025 - French version (Labor Code - Chapter I: Prevention of risks in hyperbaric environments - version 2025)	2025-05

49	UK HSE	EH75/2 Occupational exposure limits for hyperbaric conditions	2000
50	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			
3	DCIEM	Diving manual	1992
5	Government of Russia	Russian Saturation Diving tables	1990s'
6	Ministere du travail	Coral fishing trimix decompression table	1995
42	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
52	US Navy	US Navy diving manual - revision 7	2016
2019 - Now			
1	French ministry of Labour	French regulation 2019	2019
20	Brazillian Navy	Normam 15/DPC rev 3	2021
34		Normam-222/DPC - Maritime Authority Standards for underwater Activities - Portugese version (Directoria de portos e costa)	2023-06
37	French ministry of labor	French ministry of labour: Order of April 22, 2024 regarding hyperbaric work performed without immersion (endorsement D	2024-04

Diving & ROV Specialists

52/2 moo 3 tambon Tarpo 65000 Phitsanulock - Thailand

