

Diving & ROV specialists



Index for document research

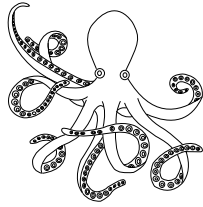
**Technical documents regarding vessels
stored in the website database**



September 2024



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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 "*Technical documents regarding vessels*" 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
- . Studies

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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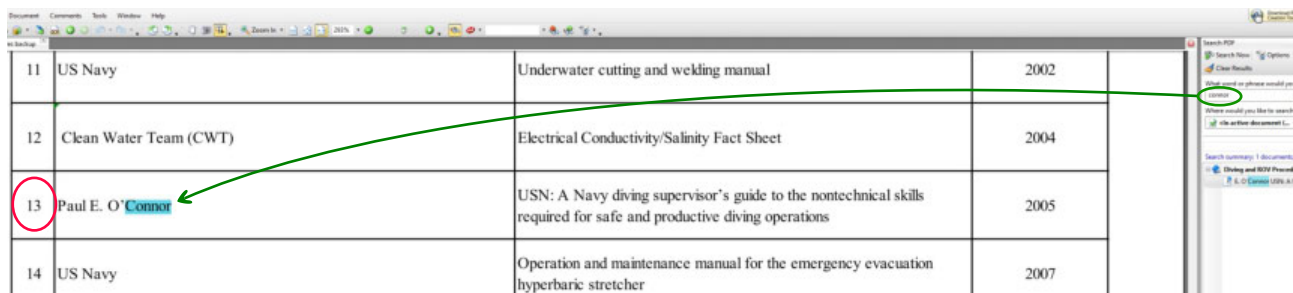
Important note:

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.

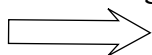
To locate a document within the chronological presentation of the database:

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 1980 to 2018

Historical

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



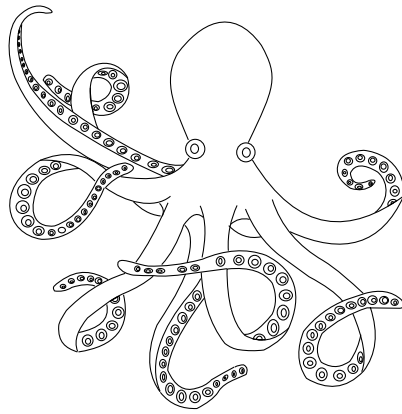
Author: Paul E O'Connor

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

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Guidelines

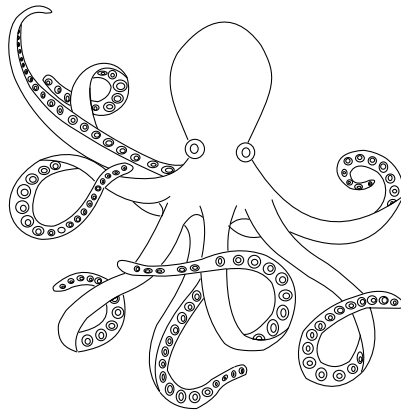


<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1990 - 2017			
1	US Navy	Cold weather handbook for surface ships	1988
6	E. A. Tamuri , C.P.Pesce, G. S. Alves, I. Masetti & P.P. Ribas Ferreira	Dynamic Positioning of a Pipeline Launching Barge	2002
7	USN	US Navy Towing manual	2002
11	USN	Guidelines and requirements for lithium batteries	2004
12	Teus van Beek	Technology guidelines for efficient design and operation of ship propulsors	2004
13	USN	Electromagnetic radiation hazards	2006
17	Maritime New Zealand	Code of Safe Working Practices for Merchant Seafarers	2007-06
18	Victor A. Dubrovsky	Multi-hull Ships: Designing	2008
19	Oil Companies International Marine Forum	Survival crafts	2008
20	Victor A. Dubrovsky	Multi-hull Ships: Strength	2008
21	AJ Scardino, L. Fletcher, & JA Lewis	Fouling control using air bubble curtains: protection for stationary vessels	2009
22	Australian government	National Biofouling Management Guidance for Non-trading Vessels	2009
23	OSHA	Deck barge safety	2009
26	Jonathan T. Power, & António J. Simões Ré	Lifeboat Habitability and Effects on Human Subjects	2010
27	UK maritime & coastguards agency	Code of Safe Working Practices for Merchant Seamen	2010
28	B. Thomas, M. Hadfield, & S. Austen	Wear and friction modelling on lifeboat launch slipway panels	2010
29	USN	Handbook of shipboard electromagnetic shielding practices	2010
30	University of Wollongong Australia	Testing the efficacy of heated seawater for managing biofouling in ship's sea chests	2011
31	Vahid Hassani, Asgeir J. Sørensen, & Antonio M. Pascoal	A Novel Methodology for Robust Dynamic Positioning of Marine Vessels: Theory and Experiments	2011
32	Hirpa G. Lemu	Design verification of winch for offshore cranes	2009
33	USN	Electrical workmanship inspection guide for surface ships and submarines	2011
34	Karl-Heinz Rupp	Ship operation in winter and ice conditions	2011

35	ASCLME programme,	Report on the invasive species component of the MEDA's TDA & SAP for the ASCLME project	2012
36	US Naval education	Logistics specialists	1988
37	Shaoyang Qiu, Hongxiang Ren, Haijiang Li, Yi Zhou, and Delong Wang	Multibody dynamics model and simulation for the totally enclosed lifeboat lowered from ship in rough seas.	2013
40	Aliz Szeile, Árpád Huszák, & László Bacsárdi	advanced sensor positioning and monitoring system	2014
42	Zobair Ibn Awal, & Kazuhiko Hasegawa	Analysis of Ship Accidents due to Marine Engine Failure	2015
43	USN	Corrosion control assessment and maintenance manual	2015
44	New zealand government	Ballast water treatment systems	2015
48	Sandipa Chakraborty, & Rakesh Meena	Saving Time by Tip Control & Automation of Knuckle and Boom Hydraulic Crane	2016
49	B.W. Nam, N.W. Kim, & S.Y. Hong	Experimental and numerical study on coupled motion responses of a floating crane vessel and a lifted subsea manifold in deep water	2017
50	Yaser Sharifi, Hassan Ghassemi, Hamid Zanganeh	Various Innovative Technologic Devices in Shipping Energy Saving and Diminish Fuel Consumption	2017-03
51	Piotr Balazy, Piotr Kuklinski, Jørgen Berge	Diver deployed autonomous time-lapse camera systems for ecological studies	2017
2018 - Now			
2	International Union for Conservation of Nature	Guidelines for invasive species planning and management on islands	2018
5	Oil management International Marine Forum	Deck cargo management onboard offshore vessels	2018
16	European regional development fund	Guide on best practices of biofouling management in the Baltic sea	2020
17	Pedro Almeida Vinagre, Teresa Simas, Erica Cruz, Emiliano Pinori, & Johan Svenson	Marine Biofouling: A European Database for the Marine Renewable Energy Sector	2020
19	IMO	Guidelines for inspection and maintenance of mooring equipment including lines	2020
20	Institute of marine engineering, Science & technology, International paint and printing ink council	Template for a biofouling management plan	2021
23	Dawud Shibghotulloh, Samsul Maarif, & Eko Adhi Setiawan	The optimum configuration of solar PV system from conventional fishing boat towards e-Boat 12 GT.	2021
24	Ulanbek Auyeskhon, Namhun Kim, Chung, Soo Kim, Tran Van Loi, & Scientists	Design Approach for Additive Manufacturing of a Dynamically Functioning System: Lifeboat Hook	2021
25	Baris Barlas	Investigation of boat motion on occupant in patrol boat	2021
27	Haiwen Tu, Lin Mu, Kai Xia, Xiaodi Wang, & Kui Zhu	Determining the drift characteristics of open lifeboats based on large-scale drift experiments.	2022-11
29	The DP Committee	Dynamic positioning committee - website	2022-11
33	Sergiy Rogalsky, Olena Moshynets, Oleg Dzhuzha, Oksana Tarasyuk, & 6 Scientists	Preparation and characterization of new antifouling coating based on alkyd paint modified with hydrophobic cationic biocide.	2023-09

35	Menelaos Zetas, Sotirios Spantideas, Anastasios Giannopoulos, Nikolaos Nomikos and Panagiotis Trakadas	Empowering 6G maritime communications with distributed intelligence and over-the-air model sharing	2024-01
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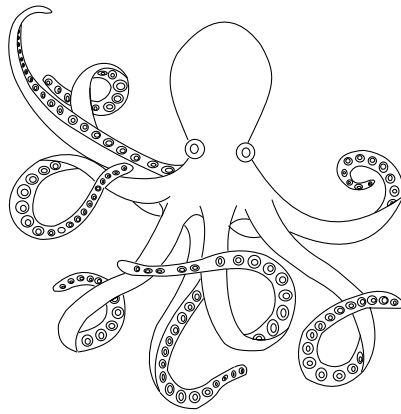
Rules and acts



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1990 - 2017			
2	USN	Requirements for fabrication welding, and inspection, and casing inspection, and repair for machinery, piping, and pressure vessels.	1995
3	USN	Naval ships' technical manual - Chapter 096 - Weights and stability	1996
4	USN	Naval ships' technical manual - Chapter 613 - Wire and fiber rope and rigging.	1999
5	Bureau Veritas	Bureau Veritas: Rules for the Classification of High Speed Craft	2002
8	DNV	DNV - Rules for classification - Chapter 10 Vessels for special operations	2002
10	USN	U.S. Navy surface ship (non-submarine) authorized chemical cleaning products and dispensing systems catalog , revision 1	2004
14	USN	Naval ship' technical manual - chapter 075 - Fasteners	2006
15	USN	Naval ships' technical manual - chapter 583 - Volume 1 – Boats and small craft.	2006
24	Australian government	National Biofouling Management Guidance for the petroleum and exploration industry	2009
25	Australian government	National Biofouling Management Guidance for commercial vessels	2009
41	Oil Companies International Marine Forum - OCIMF	OCIMF Ship Inspection Report (SIRE) Programme: Vessel Inspection Questionnaires for Oil Tankers, Combination Carriers, Shuttle Tankers, Chemical Tankers and Gas Tankers. (VIQ 6)	2015-02
45	DNV	DNV - Rules for classification - General regulations.	2015
46	Lloyd's Register	Lloyd's Register: Rules and Regulations for the Classification of Ships	2016
47	New zealand government	In-water systems to remove or treat biofouling in vessel	2016
52	Bureau veritas	Rules for the Certification of Lifting Appliances onboard Ships and Offshore Units	2017
2018 - Now			
1	Bureau Veritas	Bureau Veritas - Rules for the Classification of Crew Boat	2018
6	New zealand government	Biofouling on Vessels Arriving to New Zealand	2018
7	New zealand government	Guidance Document for the Craft Risk Management Standard for Biofouling	2018
8	New zealand government	Advice to shipping: New Zealand's new biofouling requirements	2018
9	ABS	Portable accommodation modules	2018
10	ABS	Underwater noise	2018

11	Bureau veritas	Certification Scheme of Materials and Equipment for the Classification of Marine Units	2018
12	Bureau Veritas	Bureau Veritas: Wind Farms Service Ships	2018
18	ABS	Conditions of classification	2020
34	Bureau Veritas	Wind Propulsion Systems	2024-01

Studies



<i>Nb</i>	<i>Authors</i>	<i>Title</i>	<i>Year publication</i>
1990 - 2017			
9	Tor A. Johansen, Thor I. Fossen, Svein I. Sagatun, & Finn G. Nielsen	Wave Synchronizing Crane Control during Water Entry in Offshore Moonpool Operations – Experimental Results	2003
16	Leszek Chybowski, & Zbigniew Matuszak	structural redundancy in an offshore vessel dynamic positioning system	2007
38	Tor A. Johansen, Torstein I. Bø, Eirik Mathiesen, Aleksander Veksler, & Asgeir J. Sørensen	Dynamic Positioning System as Dynamic Energy Storage on Diesel-Electric Ships	2014
39	Jerzy Herdzik	Utilization of an active and/or passive heave compensation in the equipment of dynamic positioning vessels	2014
2018 - Now			
3	Cdr (Dr) Nitin Agarwala	dynamic positioning system - a definitive step towards autonomus ships	2018
4	Anil Kumar D, Manoj C V, Hariprasad S A, Rakshith D & two other scientists	Smart Controller for Dynamic Positioning of Ship	2018
13	Alam Baheramsyah, Juniarko Prananda, & Darwin Setiyawan	The Experiment of Producing Freshwater from the Air Using Thermoelectric Cooler for the Need of Drinking Water in a Lifeboat	2019
14	Hamid Zeraatgar, & M. Hossein Ghaemi	The analysis of overall ship fuel consumption in acceleration manoeuvre using hull-propeller-engine interaction principles and governor features	2019
15	Victor A. Dubrovsky	Decreasing of Ship Structure Mass by Active Counteraction to Bending Moment	2019
21	Luofeng Huang, Sasan Tavakoli, Minghao, Azam Dolatshah, & 3 Scientists	CFD analyses on the water entry process of a freefall lifeboat	2021
22	Dr.Y.Ramkrishna, R. Siri Himaja, G. Rohit Singh, T. Kasi Viswanath, & A. Kavitha	Boat overloading indicator	2021
26	Heikki A. Nurmi, Cunming Yu, Dmytro Toptunov, Robin H.A. Ras, and Ville Jokinen	Superhydrophobic Lubrication: Gas-Liquid Bilayer Reduces the Friction Between Two Solids	2022-01
28	Conghui Duan, Jianping Yin, Zhijun Wang, & Zhiwei Hao	Research on Damage of Underwater Shock Waves at Multiple Explosion Points to Ships	2022-11
30	Alexandru Bobe, Tiberiu Axinte, Cătălin Nutu, Cătălin Fratila, & Mihai Diaconu	Aspects regarding the Use of Hydraulic Motors	2022-12
31	Panpan Zhang, Lin Wu, Lifeng Bao, Bo Wang, Hui Liu, Qianqian Li, and Yong Wang	Gravity disturbance compensation for dual-axis rotary modulation inertial navigation system	2023-02
32	Alpaslan Tatlisuluoğlu, & Serdar Beji	Simulation of Shockwave Effects on a Ship-like Structure due to Underwater Explosions	2023-06

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