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For several generations, the U.S. Navy Diving Manual has been considered the Bible of both military and commercial diving, regardless of where in the world these operations were performed. In the past, the U.S. Navy Diver's Handbook was the go-to source for military and commercial divers when they were in the field and did not wish to carry the complete manual with them. The last official printing of the handbook was in 1994, and after that time there was a desperate requirement for a handbook for the commercial diver. Originally published in 2013, The Commercial Diver's Handbook filled that requirement and more. It presented the three most commonly used air decompression tables world-wide, along with mixed gas tables, treatment tables, up-to-date diving medicine, a section on chamber operations, and a section on nitrox operations. Technical editing was performed by CP01 Charles Trombley, Canadian Navy. He was formerly with Canada's Experimental Diving Unit and later retired as Chief Diver, Fleet Diving Unit, Atlantic. This second edition of The Commercial Diver's Handbook has a few changes worth noting. First and foremost is the update of the U.S. Navy Diving Tables from Rev. 6 to 7. Secondly, the size of the book has increased slightly and there is larger print. The decompression tables are now in color for ease of use. As for the chamber medical kits, the handbook now specifies DMAC 15, Revision 4, and the appropriate lists are provided. In addition, the reader will notice other small changes made to keep information current in almost every section, from diving medicine through to emergency medical care. As with the previous edition, this handbook will again prove to be a valuable tool in every commercial diver and supervisor's possession, no matter where in the world they are working. **THE INDISPENSABLE HANDBOOK FOR EVERY DIVER - PART ONE** Book 1 of 2 (for book 2, search for ISBN 1790332613). Current, extensively overhauled edition: Revision 7, Change A (2018). Significantly improved, clarified, corrected and optimized from the previous edition. The international standard technical diving reference: authoritative, proven procedures. Created and trusted by the United States Navy, used by recreational, commercial and military divers around the world. Contains Volumes 1 - Diving Principles and Policies, and 2 - Air Diving Operations (SCUBA, surface-supplied, and nitrox). Giant, full-size edition: big 8.5"x11" format means crisp, clear print and illustrations. Looks great on any diver's bookshelf! "Batteries last hours, books last decades. Get the print edition!" Since the early 1900s the United States Navy has produced the internationally-recognized bible for all recreational, commercial and military divers. Now with the new Revision 7 (Change A) the Navy has created the ultimate up-to-date reference book for the diver, covering every imaginable aspect of diving instruction and information in nearly 1,000 pages total (presented in two books). Easy to read, and as accessible to the novice as it is to the expert, the Diving Manual contains an immense, detailed and deep body of knowledge unavailable elsewhere. The Manual consists of five volumes, spread over two books: Book 1 contains: Volume 1 - Diving Principles and Policies (205 pages, 50 illustrations). History of Diving - Underwater Physics - Underwater Physiology and Diving Disorders - Dive Systems - Dive Program Administration - Safe Diving Distances from Transmitting Sonar - References - Telephone Numbers - List of Acronyms. Volume 2 - Air Diving Operations (319 pages, 82 illustrations). Operational Planning and Risk Management - SCUBA Air Diving Operations - Surface Supplied Air Diving Operations - Nitrogen-Oxygen Diving Operations - Ice and Cold Water Diving Operations - Optional Shallow Water Diving Tables - U.S. Navy Dive Computer - Environmental and Operational Hazards - Guidance for U.S. Navy Diving on a Dynamic Positioning Vessel. Additionally, the publisher has remastered and redrawn illustrations throughout the Manual for clarity and reading enjoyment, as well as adding icons to cautions and warnings for greater visibility. Search Amazon for 'CARLILE MILITARY LIBRARY' to find more TOP-FLIGHT, SQUARED-AWAY publications for your professional bookshelf! Provided for information purposes only. Published in the U.S.A. by CARLILE MEDIA. U.S. Navy Diving Manual The U.S. Navy Diving Manual has long been regarded the ultimate resource for recreational, commercial and military divers and is widely considered to be the technical standard for diving information and procedures. Revision 7 Change A is the latest version released in April 2018 and includes major updates and changes from the previous versions. This extensive manual is just under 1000 pages spread over 5 Volumes with 18 Chapters and is unsurpassed in technical detail and depth. Contents: U.S. Navy Diving Manual Volume 1 - Diving Principles and Policy Chapter 1 - History of Diving Chapter 2 - Underwater Physics Chapter 3 - Underwater Physiology and Diving Disorders Chapter 4 - Dive Systems Chapter 5 - Dive Program Administration Appendix 1A - Safe Diving Distances From Transmitting Sonar Appendix 1B - References Appendix 1C - Telephone Numbers Appendix 1D - List of Acronyms Volume 2 - Air Diving Operations Chapter 6 - Operational Planning and Risk Management Chapter 7 - Scuba Air Diving Operations Chapter 8 - Surface Supplied Air Diving Operations Chapter 9 - Air Decompression Chapter 10 - Nitrogen-Oxygen Diving Operations Chapter 11 - Ice and Cold Water Diving Operations Appendix 2A - Optional Shallow Water Diving Tables Appendix 2B - U.S. Navy Dive Computer Appendix 2C - Environmental and Operational Hazards Appendix 2D - Guidance for U.S. Navy Diving on a Dynamic Positioning Vessel Volume 3 - Mixed Gas Surface Supplied Diving Operations Chapter 12 - Surface Supplied Mixed Gas Diving Procedures Chapter 13 - Saturation Diving Chapter 14 - Breathing Gas Mixing Procedures Volume 4 - Closed Circuit and Semiclosed Circuit Diving Operations Chapter 15 - Electronically Controlled Closed-Circuit Underwater Breathing Apparatus (EC-UBA) Diving Chapter 16 - Closed-Circuit Oxygen UBA Diving Volume 5 - Diving Medicine and Recompression Chamber Operations Chapter 17 - Diagnosis and Treatment of Decompression Sickness and Arterial Gas Embolism Chapter 18 - Recompression Chamber Operation Appendix 5A - Neurological Examination Appendix 5B - First Aid Appendix 5C - Dangerous Marine Animals Since the 1950s, the U.S. Navy Diving Manual has served as the internationally recognized standard for allowable exposure while breathing compressed air at varying depths. For many years, the

1956/1957 Diving Manual "air tables" also provided the prescribed decompression schedules for dive profiles that exceeded allowable exposure limits. Due to concern over unacceptable rates of decompression sickness and key research on hyperbaric medicine that has developed mathematical models for gas exchange in human tissues, the U.S. Navy has now totally revised the Manual's air tables to make use of this valuable new research. These changes, together with those to the Manual's other sections, represent the most comprehensive updating of Navy diving procedures since 1956. Among the key sections affected by this thoroughgoing revision are: Air decompression definitions; Emergency procedures; Repetitive dives; Variations in rate of ascent; Surface-supplied mixed gas diving procedures; Diagnosis and treatment of decompression sickness and arterial gas embolism; Recompression chamber operation. In addition to these key updates, the Manual provides extensive information on medical treatment for dive injuries; dangerous, predatory, and venomous marine animals; and many other topics of interest. It also includes numerous authoritative charts and tables covering all aspects of the diving experience. Revision 6 of the U.S. Navy Diving Manual represents the culmination of extensive research and empirical validation of its core - the crucial air tables that can mean the difference between life and death. These tables, as well as the detailed and carefully researched text, make this latest edition of the Manual an indispensable reference and instructional source for military and civilian divers alike. The chapters on "psychological aspects of diving" and "stress" are a must for every divers reading list. The marine life section has the detail to satisfy a diver thirsting for more than a "sketch" on marine life. Tom and Ike have experience as diving officers for the University of Miami's Rosentstiel School of Marine and Atmospheric Science, as commercial divers, and as staff members of a national certification association. They are dedicated divers who share their many years of experience, found within the pages of this text, with you. Price \$19.95. The basic equipment, skills, and requirements are explained in addition to the medical and scientific factors involved in making a dive THE INDISPENSABLE HANDBOOK FOR EVERY DIVER - PART TWO Book 2 of 2 (for book 1, search for ISBN 1790332605). Current, extensively overhauled edition: Revision 7, Change A (2018). Significantly improved, clarified, corrected and optimized from the previous edition. The international standard technical diving reference: authoritative, proven procedures. Created and trusted by the United States Navy, used by recreational, commercial and military divers around the world. Contains Volumes 3 - Mixed Gas Surface Supplied Diving Operations, 4 - Closed Circuit and Semiclosed Circuit Diving Operations, and 5 - Diving Medicine & Recompression Chamber Operations Giant, full-size edition: big 8.5"x11" format means crisp, clear print and illustrations. Looks great on any diver's bookshelf! "Batteries last hours, books last decades. Get the print edition!" Since the early 1900s the United States Navy has produced the internationally-recognized bible for all recreational, commercial and military divers. Now with the new Revision 7 (Change A) the Navy has created the ultimate up-to-date reference book for the diver, covering every imaginable aspect of diving instruction and information in nearly 1,000 pages total (presented in two books). Easy to read, and as accessible to the novice as it is to the expert, the Diving Manual contains an immense, detailed and deep body of knowledge unavailable elsewhere. The Manual consists of five volumes, spread over two books: Book 2 contains: Volume 3 - Mixed Gas Surface Supplied Diving Operations (103 pages, 22 illustrations). Surface-Supplied Mixed Gas Diving - Saturation Diving - Breathing Gas Mixing Procedures. Volume 4 - Closed Circuit and Semiclosed Circuit Diving Operations (129 pages, 13 illustrations). Electronically Controlled Closed-Circuit Underwater Breathing Apparatus (EC-UBA) Diving - Closed Circuit Oxygen UBA (CC-UBA) Diving. Volume 5 - Diving Medicine & Recompression Chamber Operations (141 pages, 43 illustrations). Diagnosis and Treatment of Decompression Sickness and Arterial Gas Embolism - Recompression Chamber Operation - Neurological Examination - First Aid - Hazardous Marine Creatures. Additionally, the publisher has remastered and redrawn illustrations throughout the Manual for clarity and reading enjoyment, as well as adding icons to cautions and warnings for greater visibility. Search Amazon for 'CARLILE MILITARY LIBRARY' to find more TOP-FLIGHT, SQUARED-AWAY publications for your professional bookshelf! Provided for information purposes only. Published in the U.S.A. by CARLILE MEDIA. Presents comprehensive information on air diving operations. It contains data and information from all groups within the Navy diving community, and reflects state-of-the-art diving capabilities of the U.S. Navy. New equipments appearing for the first time include the Underwater Breathing Apparatus (UBA) MK 20 MOD 0, UBA MK 21 MOD 1, the Light Weight Diving System (LWDS) MK 3 MOD 0, and the Transportable Recompression Chamber System (TRCS). Appendices: changes in the deployment of standby divers in ships husbandry diving, changes in treatment tables and new correction factors and guidance relating to the use of pneumofathometers. Since the 1950s, the U.S. Navy Diving Manual has served as the internationally recognized standard for allowable exposure while breathing compressed air at varying depths. For many years, the 1956/1957 Diving Manual "air tables" also provided the prescribed decompression schedules for dive profiles that exceeded allowable exposure limits. Due to concern over unacceptable rates of decompression sickness and key research on hyperbaric medicine that has developed mathematical models for gas exchange in human tissues, the U.S. Navy has now totally revised the Manual's air tables to make use of this valuable new research. These changes, together with those to the Manual's other sections, represent the most comprehensive updating of Navy diving procedures since 1956. 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These tables, as well as the detailed and carefully researched text, make this latest edition of the Manual an indispensable reference and instructional source for military and civilian divers alike. This is a translation of a scuba diving manual originally published by the publishing house of the U.S.S.R. Ministry of Defense. The manual contains information, practical recommendations and informative data on underwater exploration and repair of various types of scuba diving equipment; the technique of water safety and the execution of underwater work; medical precautions and specific illnesses of scuba divers; the method of instruction, including the technique of underwater swimming and the execution of light diving work, underwater hunting, photo- and cinematography. The manual was designated for divers of the Soviet Army and Navy and the transportation and commercial fleets. It is also of interest to a wide circle of readers interested in problems of the underwater sport. This full-color, extensively illustrated revision of a highly respected dive manual includes the information necessary to learn open water diving. Timely discussion include ecology and scuba techniques, equipment and safety materials, women's diving issues and concerns, expanded CPR information, air sharing and hand signals. This full-color, extensively illustrated revision of a highly respected dive manual includes the information necessary to learn open water diving. Timely discussion include ecology and scuba techniques, equipment and safety materials, women's diving issues and concerns, expanded CPR information, air sharing and hand signals. Includes authoritative information and recommendations on all aspects of underwater diving from the National Oceanic and Atmospheric Administration (NOAA). Includes valuable information about: working dive procedures; saturation diving; hazardous aquatic animals; the physics and physiology of diving, and the latest U.S. Navy air decompression tables. Also includes information on: polluted-water diving, women and diving, diving with disabilities, diving history and much more. Looseleaf format. Over 1,000 total pages INTRODUCTION 1-1.1 Purpose. This chapter provides a general history of the development of military diving operations. 1-1.2 Scope. This chapter outlines the

hard work and dedication of a number of individuals who were pioneers in the development of diving technology. As with any endeavor, it is important to build on the discoveries of our predecessors and not repeat mistakes of the past. 1-1.3 Role of the U.S. Navy. The U.S. Navy is a leader in the development of modern diving and underwater operations. The general requirements of national defense and the specific requirements of underwater reconnaissance, demolition, ordnance disposal, construction, ship maintenance, search, rescue and salvage operations repeatedly give impetus to training and development. Navy diving is no longer limited to tactical combat operations, wartime salvage, and submarine sinkings. Fleet diving has become increasingly important and diversified since World War II. A major part of the diving mission is inspecting and repairing naval vessels to minimize downtime and the need for dry-docking. Other aspects of fleet diving include recovering practice and research torpedoes, installing and repairing underwater electronic arrays, underwater construction, and locating and recovering downed aircraft.

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