

U.S. Naval Undersea Museum
Keyport, Washington

Processor: Kevin B. Syltebo

Bill High Collection

Creator:	William (Bill) L. High
Extent:	7 boxes and 10 binders/handbooks
Date Range:	1946-2000
Classification:	Unclassified
Language:	English
Access:	Open
Ownership & Copyright:	The Bill High Collection is the physical property of the U.S. Naval Undersea Museum. Literary rights, including copyright, belong to the authors or their legal heirs and assigns.

Scope and Content Notes:

William (Bill) L. High (b. November 28, 1933) is a marine scientist, recreational and commercial diver, dive instructor, and author. Following his graduation from the University of Washington in 1958 with a Bachelor's of Science degree in Fisheries Biology, High worked for 36 years as a marine and fisheries scientist, including at NOAA's Northwest Fisheries Center (National Marine Fisheries Service) in Seattle, Washington. He began diving as a college student in 1955, after a fisheries research project required diver observation.

In the early 1970s, High led four saturation diving underwater laboratory teams as Chief Scientist: Tektite II's First Mission/Team 1 (1970), NOAA Hydrolab's First Mission (1971), NOAA Project FLARE (1972), and Project Helgoland (1975). He also directed operations of five major deep submersible diving programs as Project Leader.

High established himself as a knowledgeable recreational diver, leading to several civilian diving appointments. Among many positions held, he served as the first NOAA Diving Coordinator (1971), president of the National Association of Underwater Instructors (NAUI) (1976–1979), and vice president of the Underwater Society of America. He also provided expertise as a contributor to the NOAA Diving Manual, 1979 and 2001 editions.

In 1982, he founded the world's first SCUBA cylinder inspection company, Professional SCUBA Inspectors (now Professional Cylinder Inspectors), to improve diver safety. As a diver and

cylinder safety expert, he trained more than 8,000 people in basic diving or specialty skills.

High has published more than 150 scientific and technical articles and received numerous industry awards, including NAUI's Lifetime Achievement Award and acceptance into multiple diving halls of fame. High chronicled his career and experiences in a 1998 autobiography, "Beneath the Sea: A Sampling of Diving and Other Adventures."

This collection (4 linear feet) is housed in 7 boxes, plus 10 individual binders and handbooks. Each box contains folder level holdings and some binders. No special handling requirements are in place beyond normal care procedures.

Box and Folder Listing:

NUM.2022.004.001

Box 1 (H1)

1. Folder: NOAA International Fisheries Research Program (1975)
2. Folder: Diving Accident report from Clifford D. Newell (1975)
3. Folder: Diving Accident reports on death of diver Joachim Wendler (1975)
4. Folder: Bait Loss from Halibut Long Line Gear Observed from a Submersible paper written by donor (1978-1980)
5. Folder: Code of Practice for Scientific Diving (1979)
6. Folder: Direction for Saturation Diving from Underwater Bases (1974-1975)
7. Folder: Divemaster notes from National Association of Underwater Instructors (1971)
8. Folder: Emergency Assent Training (1977)
9. Folder: Escape of Dungeness Crabs from pots paper written by donor (1974)
10. Folder: Fish Behavior in relation to Fishing Techniques paper written by donor (1967)
11. Folder: Mortality Rates for Skin and Scuba Divers report (1972)

NUM.2022.004.002

Box 2 (H2)

1. Binder: National Association of Underwater Instructors Instructor Handbook and Decompression Tables (1973-1975)
2. Folder: NEKTON Operations Manual (Year unknown)
3. Folder: Information on NEKTON Submersibles (1965-1983)
4. Folder: Article written by donor about underwater observation of fish behavior during Off-Bottom Trawl (1966)
5. Folder: Information on Project Sea Sub 280 (1975-1980)

NUM.2022.004.003

Box 3 (H3)

1. Folder: Information on Project Sea Sub 382 (1982)
2. Folder: Information on Project Sea Sub 483 (1983)
3. Folder: Project Sea Sub Record in Notebook (1978)
4. Folder: Proposal to conduct a research mission from Hydro Lab by donor (1971)
5. Folder: Recommended Scientific Program for the 1978 NWAFC Submersible Program (1978)
6. Folder: A Report on 1978 Submersible Research Dives in SE Alaska (1978)
7. Folder: Scientific Applications of Current Diving Technology on the U.S. Continental Shelf (1984-1987)
8. Folder: Scuba Regulators book from National Association of Underwater Instructors by Bob Gonsett (1975)
9. Folder: Article about donor titled Underwater Adventures for fishery knowledge by Grant Fjermedal (1978)
10. Folder: Undersea Habitat Helgoland description of String Highway surrounding Habitat report by donor (1975)
11. Folder: Los Angeles Underwater Safety Committee Volume (1971, cases within range from 1965-1970)
12. Folder: Variable Volume Dry Suit Work Shop report (1980)
13. Folder: Article by donor titled Visiting King Crab at Home (1978)

NUM.2022.004.004

Box 4

1. Binder: Skin and Scuba Diving Fatalities involving U.S. Citizens Report (1970)
2. Binder: Diving Accident Survey (1946-1970)
3. Folder: Mortality Rates for Skin and Scuba Divers (1972)
4. Folder: The United States Underwater Fatality Statistic (1975-1979)
5. Item: United States Underwater Fatality Statistics (1972-1973)
6. Item: Two copies of United States Underwater Fatality Statistics (1975-1977)
7. Item: 1996 Report on Diving Accidents and Fatalities (1994-1996)
8. Item: 1997 Report on Diving Accidents and Fatalities (1995-1997)
9. Item: 1998 Report on Diving Accidents and Fatalities (1996-1998)
10. Item: 1999 Report on Diving Accidents and Fatalities (1997-1999)
11. Item: 2000 Report on Diving Accidents and Fatalities (1998-2000)

NUM.2022.004.005

Box 5 (H5)

1. Item: Underwater Yearbook from Underwater Society of America (1962)

2. Item: Narragansett Bay Campus Research Diver's Manual (1986)
3. Item: Vertical Excursions Breathing Air from Nitrogen-Oxygen or Air Saturation Exposures pamphlet from U.S. Department of Commerce (1976)
4. Item: Cold Weather and Under Ice Scuba Diving manual from NAUI (1973)
5. Item: Altitude Procedures for the Ocean Diver manual from NAUI (1975-1976)
6. Item: Skin and Scuba Diving Fatalities involving U.S. Citizens report from Department of Ocean Engineering (1970)
7. Item: United States Underwater Fatality Statistics from U.S. Department of Commerce (1973-1975)
8. Item: Technical and Human aspects of Diving and Diving Safety Report from Commission of the European Communities (1980-1981)
9. Item: University Guide for Diving Safety from Texas A&M University (1970)
10. Folder: Underwater Safety Manual (1955 according to sticky note)
11. Item: Two copies of Hydro-Lab Diver Operations Manual (Year Unknown)

NUM.2022.004.006

Box 6 (H6)

1. Item: Project Flare Florida Aquanauts Research Expedition Program Plan (1971-1972)
2. Folder: Various Submersible Reports (1963-1977)
3. Item: A Guide for Visual Inspection of SCUBA and SCBA Cylinders written by collection donor (1986)
4. Item: Observations of a Scientist/Diver on Fishing Technology and Fisheries Biology written by collection donor (1993)
5. Item: Evaluation of the undersea habitats – Tektite II, Hydro-Lab, and Edalhab – for scientific saturation diving programs report co-authored by collection donor (1973)
6. Item: Two copies of underwater observations of fish behavior in traps report co-authored by collection donor (1973)
7. Item: Ben Franklin Gulf Stream Drift Mission Report (1969)
8. Item: Two copies of An Analysis of the Civil Diving Population of the United States from National Oceanic and Atmospheric Administration (1975, two months apart, draft and final version)
9. Item: Scuba Tanks High Pressure Cylinders for Diving Pamphlet (1973)
10. Item: Commercial Fisheries Review from NOAA (1970)

NUM.2022.004.007

Box 7 (H7)

1. Item: Underwater Work Performance and Work Tolerance: Final Report (1974)
2. Item: Two copies of Diving Safety Bulletin from University of Michigan (1971)
3. Item: Cave Diving: Equipment and Procedures report from University of Michigan (1971)
4. Item: Research Diver's Manual from University of Michigan (1971)

5. Item: Training the Untamed booklet (1974)
6. Item: Proceedings of Fifth Annual Convention of the Underwater Society of America (1964, in English and Spanish)
7. Item: The Puerto Rico International Undersea Laboratory Pamphlet (1971)
8. Item: A Diver's Guide to Cape Ann Pamphlet (1984)
9. Item: Legal Aspects of Underwater Instruction pamphlet from National Association of Underwater Instructors (1972)
10. Item: Underwater Journal and Information Bulletin (1972)
11. Item: Naval Research Reviews booklet (1969)

NUM.2022.004.008: National Association of Underwater Instructors Instructor Handbook (1971-1973)

NUM.2022.004.009: Binder containing TEKTITE II Program Plan from United States Department of the Interior (1970)

NUM.2022.004.010: Binder containing TEKTITE II Program Directory from United States Department of the Interior (1970)

NUM.2022.004.011: Binder containing Mid-Program Status Report for TEKTITE II (1970)

NUM.2022.004.012: Binder containing The TEKTITE II Human Behavior Program report (1971)

NUM.2022.004.013: Binder containing report titled 2400 Hours of Saturation Diving, A Statistical Analysis of Tektite II (1971)

NUM.2022.004.014: Binder containing Operations Report for NOAA-Helgoland Project FISSH (1975-1976)

NUM.2022.004.015: Binder containing Status Report for TEKTITE II (1970)

NUM.2022.004.016: Binder containing Manuals and medical diving emergencies from NOAA (1960-1981)

NUM.2022.004.017: Binder containing National Association of Underwater Instructors Professional Resource Pro Manual (1977)

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