



**Dan Dunfee**  
Producer / Director

15183 Stillfield Pl.  
Centreville, Va.  
20120 USA

PH: 703 803 8304  
FAX: 703 803 9110  
[OceanQuests@aol.com](mailto:OceanQuests@aol.com)

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### **PROFESSIONAL AND DIVING BIO , D. D. (DAN) DUNFEE**

- 1950** (Age 17) Designed, built surface (compressor ) supplied shallow water diving rig for recreation, light salvage in Ohio River. Joined Navy in 1951.
- 1952** Designed and built fire extinguisher tank / modified aircraft oxygen regulator SCUBA
- 1953** Attended USN Explosive Ordnance Disposal (EOD) School, Indian Head, MD. Qualified as Deep Sea (hard hat) and SCUBA diver. Completed EOD / Underwater Demolition Team (UDT) cross- training.
- 1954** Diving Supervisor and Senior EOD Specialist on USS Currituck. Occasional special assignments in Atlantic, Caribbean, and Mediterranean Theaters. Left Active Duty in 1955, remained in Reserves.
- 1955-1962 Navy:**  
Attended EOD and Diving refresher courses. Attended Submarine Prep. School, New London, Conn. Assigned Submarine Division 5.8 and qualified for Submarine Service.
- 1955-1965 Civilian:**  
Project Engineer, then Program Manager, on US Aerospace rocket and missile development programs.
- Principal partner in Underseas Laboratory, first formal dive shop and light salvage operation in Washington DC area. Director-Of-Diving for Underseas Laboratory. Standardized equipment and diving practices for Laboratory use. Part-time light salvage, recovery, repair operations along East Coast. Directed two rocket recovery operations off NASA launch site, Wallops Island, Virginia.
- Designed, developed Hybrid (Surface Supplied / SCUBA) Diving System\* for recreational, technical and light salvage diving and completed patent disclosure. Provided 2 systems to an oil company for South American explorations. Designed and built 2 Closed-Circuit Oxygen Rebreather SCUBA for shallow-water and cave diving.
- One of 3 principals in organizing SCUBA diving training courses and recreational diving activities in Washington DC and nearby Northern Virginia and Maryland region. Included organization and leadership of Atlantic Skin Diving Council, originally ~10 clubs in 1957 timeframe. Wrote several articles for skin- and sport-diving magazines.
- 1965-1985** Receded from high-intensity diving activities due to press of full-time work managing and directing US Advanced Rocket and Missile System development, production, and foreign technology transfer programs. Inventor / Co-Inventor on 10 issued patents. Author / Co-Author of 7 Professional Publications, spanning 4 Professional Societies, and numerous technical reports and publications on ordnance, rocket, and missile systems. Occasional recreational diving in US, Caribbean, Greece, Sardinia, Brazil, Israel and Egypt.
- 1985→→** Director of Program Management, then Technical and Management Consultant on rocket, ramjet, and missile programs, which included: Army STINGER, JAVELIN, and PATRIOT; Navy High-Speed Anti-Radiation Missile (HSARM), and Supersonic Sea Skimming Target (SSST); Air Force Variable Flow Ducted Rocket (VFDR / AMRAAM); and on the Lithuanian Armed Forces Modernization Program.
- Resurgence of personal diving interests. Formally re-certified as professional diving instructor, and currently so-certified. Upgraded original Hybrid Diving System design, \* capable of dual on-board gas premixes and in-water O2 decompression, for recreational, technical and light salvage diving. Built 2 prototypes.
- Extensive diving and, later, underwater videography in US, Pacific, Caribbean, Mediterranean and Middle East. Included videography of Japanese Fleet sunk in the Chuuk (formerly 'Truk') Lagoon, near Guam in the South Pacific.
- 2003-→→** Certified as Television Producer, affiliated with Fairfax Public Access (FPA) TV, and Cox, Comcast and Adelphia Cable TV in Virginia. Created 'Ocean Quest' (OQ) diving and ocean realm TV Series for regional Cable TV. Producer & Host, and Director, Videography & Post-Production, for OQ. OQ was awarded 3 prestigious national / international Annual TELLY TV / Video Awards in 2004, and 1 so far in 2005. Consultant on operational diving, diving equipment, videography and training.