

## Skip Denny

I'm an Ocean Engineer (MS-OE, BS Applied Physics) recently retired from APL/UW after a 50+ year career. My interest has been in underwater sensor systems, where the bulk of my work has been done designing, building and using underwater acoustic systems (active and passive) for both military and fishery uses. The last 12 years I've been part of the team that designed, built, installed and operates the cabled underwater observatory (part of OOI) off the coasts of Oregon and Washington.

## Michael Einhorn

Mike Einhorn is Senior Mechanical Engineer and PLLC Managing Partner at Einhorn Engineering. His areas of focus are shipboard mechanical handling machinery, towed arrays, heavy load handling and advanced hydraulic power systems.

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Mike has been focusing on this type of work since 1990 after receiving his Bachelors of Science in Mechanical Engineering from University of California, Santa Barbara. Following his undergraduate work he was employed at the Naval Civil Engineering Laboratory in Port Hueneme, California in the Ocean Systems division where he worked until 2005. During that time he supported the Navy's SURTASS program as well as a variety of Navy research projects. These projects tended to be "from concept to sea test projects" allowing Mike to be heavily involved in each stage of the design/build/test process for a wide range of handling systems and towed arrays. This work included vertical towed arrays with an in-water weight of over 60,000 lbs as well over-boarding A-frames, ROV launch and recovery systems and fluid power systems. During this fun-filled job he participated in a large number of sea tests around the world. This back deck experience has given him a solid understanding of the design requirements needed to build equipment that can operate reliably in the open ocean environment.

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In 2005, following completion of his Masters in Mechanical Engineering at the University of Washington, he opened a sole proprietorship in the Seattle area to work as a consulting engineer. In 2008 he founded Einhorn Engineering, PLLC. Together with a small staff of

engineers and technicians, he continues to enjoy designing in the office, turning wrenches in the field and operating equipment at-sea.