



CASPER, PHILLIPS & ASSOCIATES

Curriculum Vitae

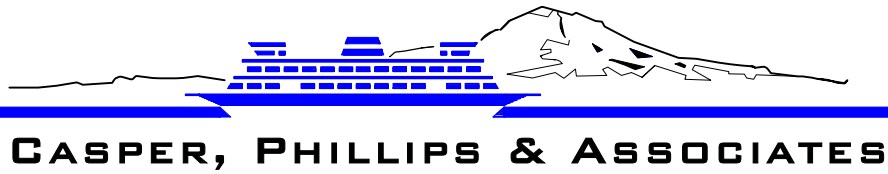
Name: William L. Casper, PE

Education: Master of Science, Structural Engineering
University of California, Berkeley

Registration: Structural and Civil Engineer
Alaska, California, New York, Oregon, and Washington

Societies: Structural Engineers Association of Northern California (SEAONC)

- Highlights:
- ❖ Two citations by "Engineering News Record", 1972 and 1994, for innovative design.
 - ❖ Invention of patented self-erection scheme for large diameter domes.
 - ❖ Invention of the industry standard "banded" concept for installing post-tensioning tendons.
 - ❖ Project manager for sea-fastening design for first-ever ocean transport of fully-erected container crane.
 - ❖ Member of ANSI A58.1 1980 Wind Loads Subcommittee.
 - ❖ Former director, SEAONC.
 - ❖ Procurement Consultant for container cranes at Tacoma, New York, Savannah, Norfolk, Boston, Jacksonville, Dubai, Indonesia and Canada. Total value of over \$100,000,000.
 - ❖ Author of numerous articles and papers to technical journals and professional organizations.
 - ❖ Recognized worldwide as engineering expert in port equipment. Frequently quoted in industry journals about port equipment topics.



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Detailed
Experience :

1987 to
Present

CASPER, PHILLIPS & ASSOCIATES

President and company founder, building from a one person structural consultant to a ten person multi-discipline engineering firm specializing in container cranes, bulk handling cranes and industrial facilities engineering. Casper, Phillips and Associates' client list includes most of the currently successful crane manufacturers and many major port authorities. Non-port related clients include The Boeing Company and Alcoa Aluminum.

1980 to
1987

LIFTECH CONSULTANTS INC.

President. At corporate level, responsible for business development, client coordination and field coordination. At project level, responsible for project management, detailed design, design supervision, and construction review. Projects primarily related to container cranes and heavy lift erection work.

1966 to
1987

JORDAN/CASPER/WOODMAN/DOBSON

Principal. At corporate level, responsible for business development, client coordination and field coordination. At project level, responsible for project management, detailed design, design supervision, and construction review. Projects were industrial facilities and container related port facilities.