

Area of Expertise

Mechanical, Electrical, and Fire Protection Engineering; Information and Communication Technology Consulting; Commissioning Services

Contact

Bruce Alward, P.E. (Executive Vice President, Electrical Engineer)

929 108th Avenue NE, Suite 1000
Bellevue, WA 98004

Phone: 425-628-6000

Fax: 425-628-6001

Email: balward@woodharbinger.com

www.woodharbinger.com

Description of Services

Wood Harbinger offers a full range of consulting services in Mechanical, Electrical, and Fire Protection Engineering; Information and Communication Technology Consulting; and Commissioning Services for military, commercial, recreation, and industrial waterfront facilities.

- ↪ Caisson lighting & valve controls
- ↪ Direct, buried & utility trenches
- ↪ Domestic water
- ↪ Double contained piping systems
- ↪ Fire protection
- ↪ Fire suppression water
- ↪ Fuel distribution piping
- ↪ Hydrant design
- ↪ Oily water treatment facilities
- ↪ Over water facility assessments
- ↪ Industrial power
- ↪ Power distribution
- ↪ Process cooling water
- ↪ Process piping for fish hatcheries
- ↪ Protection systems
- ↪ Sanitary sewers
- ↪ Shore power
- ↪ Storm water diversion
- ↪ Utility hose design & specification

Upland Facilities

- ↪ Central Plants
- ↪ Dry dock process water protection
- ↪ Medium and low voltage power requirements
- ↪ Pumping facilities



Recreation Facilities

- ↪ Docks and moorage for live-aboard vessels
- ↪ Transitory and visitor accommodations (e.g., raceway systems (telephone, cable, TV))

Commercial Facilities

- ↪ Container wharfs & piers
- ↪ Commercial fuel dock loading & unloading
- ↪ Passenger terminal installations at the wharf
- ↪ Shore power and moorage for cruise ship facilities

Military Facilities

- ↪ Hot iron & cold iron piers & wharfs (home port)
- ↪ Piers, wharfs & dry docks
- ↪ Temporary moorages for security & waterfront surveillance

Industrial Facilities

- ↪ Fuel loading & offloading transport
- ↪ Fuel storage & receiving
- ↪ Pipelines

History/Years in Business

Wood Harbinger began as a mechanical engineering firm in 1967. Over the years, our curiosity and passion for problem solving propelled us into new territory, including markets, technical services, and client types. Today, we are an interdisciplinary firm with a sole office in Bellevue, WA, with a staff of 55 professionals.

Geographic Area Served

The Pacific Northwest is Wood Harbinger's primary target region, though our reach extends nationally and internationally.