



Search Tags: Pier/Wharf/Boat Ramp

Project Count: 12



Liquid Bulk Terminal Replacement

Wilmington, CA

Project Contacts: [William Bruin](#)

The aging marine oil terminal exceeded its...

Service: [Structural Design](#)

Market: [Oil & Gas](#)

Keywords: [Construction Consulting](#), [Marine Engineering](#), [Mooring and Berthing](#), [MOTEMS audit](#), [Pier/Wharf/Boat Ramp](#), [Terminal](#)



Brooklyn Basin

Oakland, CA

The Brooklyn Basin project revitalizes 65 acres along Oakland's...

Service: [Structural Design](#)

Market: [Ports & Terminals](#)

Keywords: [Bridge](#), [Pedestrian](#), [Condominium](#), [Marine Engineering](#), [Pier/Wharf/Boat Ramp](#), [Pile](#), [Residential](#), [Seismic Engineering and Retrofit](#)



Chevron Richmond Refinery

Richmond, CA

Project Contacts: [Ronald Hamburger](#)

Founded in the early 1900s, Chevron's Richmond Refinery produces...

Service: [Structural Investigation](#), [Structural Rehabilitation](#)

Market: [Manufacturing & Industrial](#)

Keywords: [Code Compliance](#), [Fire](#), [Foundation](#), [Nonlinear](#), [Pier/Wharf/Boat Ramp](#), [Risk Assessment](#), [Seismic Engineering and Retrofit](#), [Tank](#)



Navy Pier

Chicago, IL

Project Contacts: [Vince Cammalleri](#), [Matthew Johnson](#), [Paul Kassabian](#), [Matthew Normandeau](#)

As part of a design competition, the James Corner Field...

Service: [Structural Design](#), [Building Enclosure Design](#)

Market: [Sports & Entertainment](#)

Keywords: [Below-Ground Waterproofing](#), [Finite Element Analysis](#), [Glass and Glazing](#), [Material-Related](#), [Materials Analysis](#), [Pier/Wharf/Boat Ramp](#), [Roofing](#), [Stair](#), [Structural Glass](#), [Waterproofing](#), [Wood](#)



Timber Approach Trestle Repair

Martinez, CA

Project Contacts: [William Bruin](#), [Gayle Johnson](#)

The 1,900 ft long timber-framed approach trestle exhibited damage and deterioration due to aging and required repairs to maintain the function and structural integrity. SGH developed a...

Service: [Structural Rehabilitation](#)

Market: [Oil & Gas](#)

Keywords: [Marine Engineering](#), [MOTEMS audit](#), [Pier/Wharf/Boat Ramp](#), [Terminal](#)



New Marine Terminal

Richmond, CA

Project Contacts: [William Bruin](#), [Gayle Johnson](#)

Originally built in the 1950s, the timber terminal was becoming increasingly costly to maintain and was no longer considered fit-for-purpose for seismic and berthing requirements. Instead of...

Service: [Structural Design](#)

Market: [Oil & Gas](#)

Keywords: [Construction Consulting](#), [Marine Engineering](#), [Metal-Steel](#), [MOTEMS audit](#), [Pier/Wharf/Boat Ramp](#), [Risk Assessment](#), [Terminal](#)



Fender Replacement

Martinez, CA

Project Contacts: [William Bruin](#), [Gayle Johnson](#)

The existing fender systems at two berths of a refinery terminal were significantly deteriorated. SGH was the engineer of record for the design of a replacement fender system. We developed an...

Service: [Structural Rehabilitation](#)

Market: [Oil & Gas](#)

Keywords: [Concrete](#), [Construction Staging](#), [Marine Engineering](#), [Mooring and Berthing](#), [MOTEMS audit](#), [Pier/Wharf/Boat Ramp](#), [Structural Adequacy Assessment](#), [Terminal](#)



Tugboat Allision Investigations

Various Marine Terminals, CA

Project Contacts: [William Bruin](#), [Gayle Johnson](#)

During the spring of 2013, SGH investigated two hard tugboat allisions (collisions with fixed objects such as bridges or docks), at separate marine oil terminals. In both cases, the tugs were...

Service: [Structural Investigation](#)

Market: [Oil & Gas](#)

Keywords: [Marine Engineering](#), [Pier/Wharf/Boat Ramp](#), [Structural Adequacy Assessment](#)



Seismic Retrofit of Marine Terminal

Martinez, CA

Project Contacts: [William Bruin](#), [Gayle Johnson](#)

SGH was the engineer of record for the seismic retrofit design...

Service: [Structural Rehabilitation](#)

Market: [Oil & Gas](#)

Keywords: [Marine Engineering](#), [MOTEMS audit](#), [Performance-based](#), [Pier/Wharf/Boat Ramp](#), [Seismic Engineering and Retrofit](#), [Structural Strengthening](#), [Terminal](#)



MBTA Quincy Commuter Boat Terminal

Quincy, MA

Project Contacts: [Dominic Kelly](#)

The intermodal Quincy Commuter Boat Terminal provided access to the commuter ferry and historic U.S.S. Salem museum. The site consists of a bulkhead seawall and a reinforced concrete wharf. In...

Service: [Structural Investigation](#), [Structural Rehabilitation](#)

Market: [Ports & Terminals](#)

Keywords: [Concrete](#), [Failure Investigation](#), [Marine Engineering](#), [Metal-Steel](#), [Pier/Wharf/Boat Ramp](#), [Pile](#)



MacMillan Pier Floating Dock

Provincetown, MA

Project Contacts: Donald Dusenberry, Rasko Ojdrovic

The concrete floating dock on MacMillan Pier incorporated concrete-encased polystyrene floats with light reinforcement in the top and bottom slabs. During its first year of service, the dock...

Service: Structural Rehabilitation

Market: Ports & Terminals

Keywords: Concrete, Condition Assessment, Cracking, Failure Investigation, Marine Engineering, Pier/Wharf/Boat Ramp



Jack London Square Boardwalk

Oakland, CA

The boardwalk along Oakland Estuary is a central attraction of...

Service: Structural Rehabilitation

Market: Ports & Terminals

Keywords: Concrete, Condition Assessment, Marine Engineering, Pier/Wharf/Boat Ramp, Wood

