



Search Tags: Pier/Wharf/Boat Ramp

Project Count: 10



Chevron Richmond Refinery

Richmond, CA

Project Contacts: [Ronald Hamburger](#)

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

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...

Service: Structural Rehabilitation

Market: Oil & Gas

Keywords: MOTEMS audit, Marine Engineering, 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...

Service: Structural Design

Market: Oil & Gas

Keywords: Construction Consulting, MOTEMS audit, Marine Engineering, Metal-Steel, 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...

Service: [Structural Rehabilitation](#)

Market: [Oil & Gas](#)

Keywords: [Concrete](#), [Construction Staging](#), [MOTEMS audit](#), [Marine Engineering](#), [Mooring and Berthing](#), [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...

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 of...

Service: Structural Rehabilitation

Market: Oil & Gas

Keywords: MOTEMS audit, Marine Engineering, 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...

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...

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](#)

