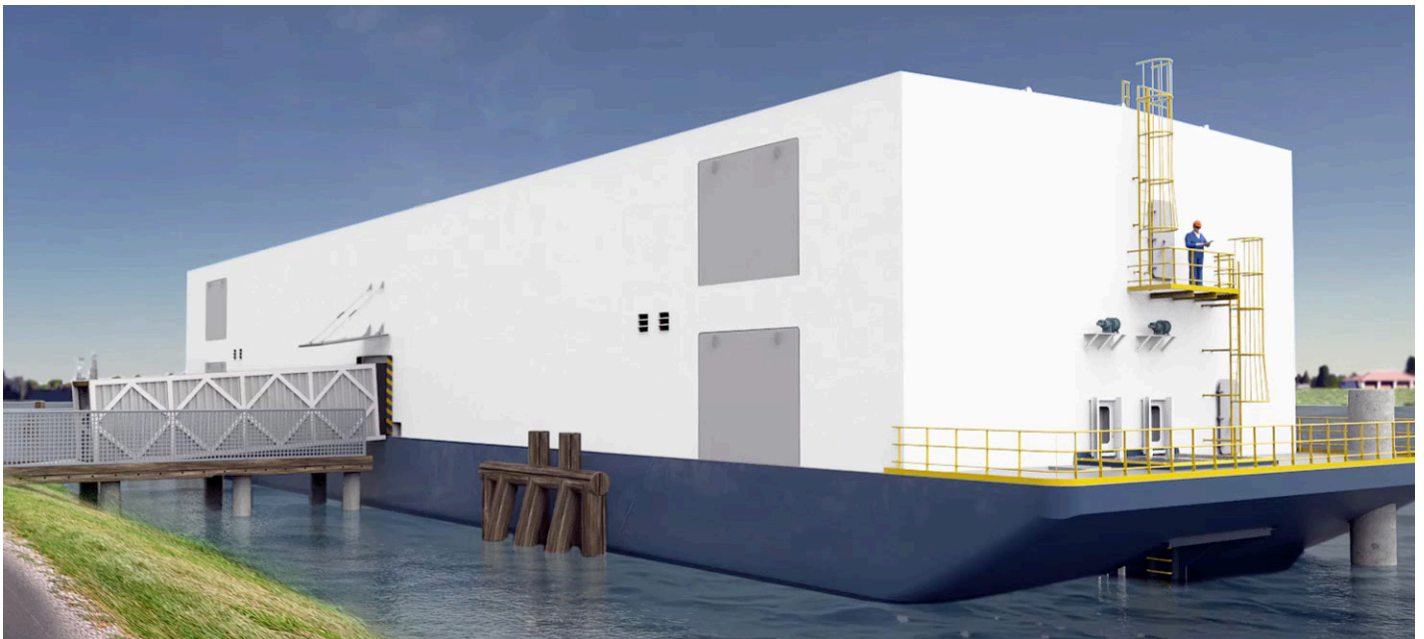




Nautilus Data Technologies Ushers in New Data Center Era at Mare Island



Construction of the Mare Island Nautilus Data Center (prototype pictured above) is estimated to be completed later this year.

Modern-day data centers are traditionally housed in a building the size of a supermarket and contain racks upon racks of essential communications and IT equipment that rely on costly and inefficient air conditioning systems to keep them cool. Now imagine a data center that is 80 percent more energy efficient and significantly reduces greenhouse gas emissions at half the construction and operation costs. Nautilus Data Technologies has imagined it and is making their idea a reality.

Unlike traditional data centers, the Nautilus data center uses natural cold water for cooling and is being built on a barge, allowing it to be delivered and operated anywhere in the world. It is currently scheduled to be completed this summer.

The Nautilus project has thus far generated 30 new jobs on Mare Island and also utilized the talents of various Mare Island businesses, including Lind Marine, Moose Boats, XKT Engineering and ABC/Jeffco Painting, to complete the design and construction of the barge.

“Nautilus set out to build a data center that solves the energy and environmental challenges associated with traditional data centers,” said Nautilus President and CEO Jim Connaughton. “Partnering with the City of Vallejo and the other Mare Island businesses has truly made this a successful venture that we are excited to continue well into the future.”

For more information, visit www.nautilusdt.com.

Meta Design & Manufacturing Inc Carves out its Niche on Mare Island

Embodying the Mare Island “can do” spirit, Meta Design & Manufacturing Inc (Meta) is at the forefront of industrial design technology. With a unique combination of 3D design and advanced manufacturing technologies, Meta is available to tackle any design project while also providing critical job training skills for workers.

The vision for Meta Design & Manufacturing Inc was formed over eight years ago when James Coleman, Meta President, was mentoring youth in a continuing education high school. Coleman saw an opportunity to introduce the students to manufacturing and building, so he started a small training program blending metal fabrication and woodworking. The goal was to use design and fabrication as a gateway to help students learn how to overcome obstacles and open up career opportunities.

In 2013, Coleman teamed up with Aaron Boone and over the next three years they set out to make their vision a reality. The Meta team opened its Mare Island facility in Building 112 last year and has quickly grown a reputation as the place to go when you want a project done. Their work can be seen all across the Island from business signage and manhole covers, down to the unique lighting installed at the Coal Shed buildings.

“Design for manufacturing is where the rubber meets the road in getting parts manufactured,” said Coleman. “Using our high tech, computer driven manufacturing technologies, we often approach manufacturing from a perspective others don’t often consider.

More information about Meta can be found at metadesignmfg.com and they can be reached at 1-888-817-7018.



A manhole cover for the Mare Island Coal Sheds was specially designed and built by the experts at Meta Design & Manufacturing Inc.

Mare Island Dry Dock Playing Host to *USNS Yukon*

Mare Island Dry Dock is now the temporary home for the *USNS Yukon*, a 677-foot Naval support vessel. The *Yukon* arrived on Mare Island in early April and will remain at Berth 12 for 6 to 7 weeks. During its stay at Mare Island, the *Yukon* will undergo repairs to its flight deck, main engine and turbos, switch boards and other support structures. Work will also be performed to overhaul motors and generators, and renew lifeboats and habitability spaces. An estimated 100 to 125 jobs are expected to be created as a result of this work. While work on the *Yukon* is performed, its crew and ship’s management team will stay on board or take advantage of the nearby hotel opportunities and local businesses.

