
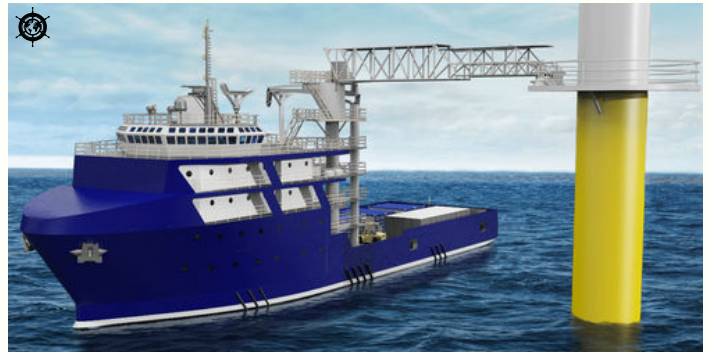
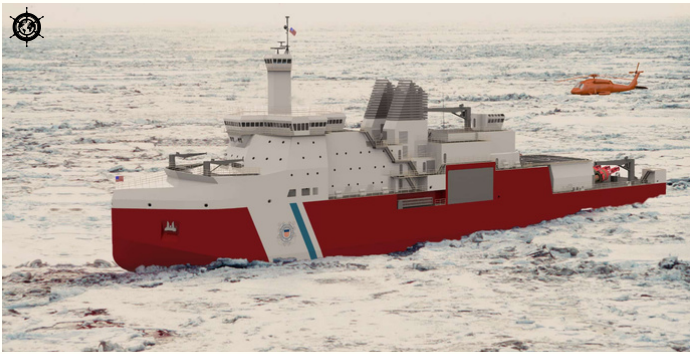




TAI ENGINEERS, LLC

An  Infrastructure Company

Biannual Newsletter



Welcome

We are excited to launch our new TAI Engineers biannual newsletter to showcase our latest projects.

The TAI Team appreciates the trust of our clients and is continuing to grow and expand our team. We are thankful that this success allows us to not only offer additional services to our customers, but also to expand our business relationships within the maritime industry.

Newly-Awarded Programs

TAI is an integral team member for various shipyard partners and is actively involved in securing major shipbuilding programs in the US. Our team's support extends to various shipyards, the U.S. Government, and vessel owners, ensuring the successful execution of ongoing significant ship design and shipbuilding projects such as the **USCG Polar Security Cutter (PCS)**, **NOAA Agor Variant (NAV)**, **US Navy Medium Landing Ship (LSM)**, and **US Navy Next Generation Logistics Ship (NGLS)**.

TAI is proud to announce we were recently named as the design agent for several new vessel programs including the **U.S. Navy T-AGOS 25**, **YON Fuel Oil Barges**, **NOAA Class B**, and **NPS Great Lakes Passenger Ferry**. As a result of our team's efforts, there are currently more than **\$6 billion** (incl. options) of vessel build projects under contract using TAI designs, or with TAI as the design integrator.

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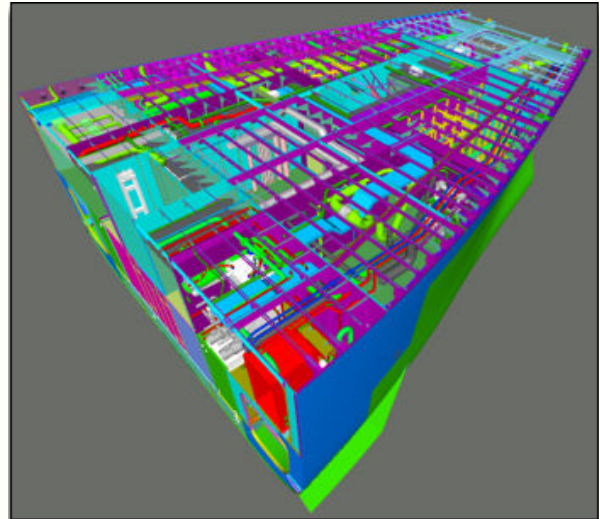
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Production Modeling Team Continues to Grow

TAI has expanded its capabilities and performance in production design efforts. We have more than doubled our production design and modeling team and enhanced our portfolio of production modeling jobs including Mega Yachts, the Navy's Torpedo Weapons Retriever, the US Naval Academy's Patrol Training Craft, The St Lawrence Seaway Ice Breaking Tractor Tugs, NAV, various barges, and the Army Corps of Engineers complex robotic ARMOR One Mat Laying Barge.

We will soon be starting on the NOAA Class B vessels. TAI is looking forward to continuing our production modeling efforts on new programs and has a large capacity to take on new clients in this field. We are excited to announce the continued expansion of this facet of our team as we retain our exclusive partnerships with a selective of the world's leaders in this field.



Advanced Analysis Team Expansion

We have taken an active role in developing and expanding our advanced analysis team. This team is split into two major groups:

- Advanced Structural Analysis (including capabilities for Global, Local, and Non-Linear FEA as well as Fatigue Analysis) and our
- Advanced Hydrodynamics Team (including capabilities for Hull Form Optimization, Exhaust Stack Gas Flow, and Non-linear Seakeeping Analysis).

TAI, in collaboration with our expert partners and consultants, has extensive capability in Computational Fluid Dynamics and Hull Optimization. Our team of subject matter experts is continuing to improve our technology tools to further design advancements in this area and we are elated to see the results of our progress in this field!

Developing Alternative Energies Team

TAI has placed significant effort into our Internal R&D (IRAD) Program to monitor, study, and apply emissions reduction and elimination technologies to marine vessels to attain the IMO net zero goals. We have developed a dedicated team to actively work on further maturing our net-zero emissions vessel designs. TAI and its staff have engineering experience with and are continuing to study the marine applications for Hybrid Electric systems with **Power Regeneration**, **All-Electric Vessels**, **Methanol** and **Ammonia** as fuel on board ships, **Flettner Rotors** for wind-driven propulsion assist, **Hydrogen Fuel Cells** using Methanol, stored Liquefied Hydrogen, or Pressurized Hydrogen. We are actively adapting current and emerging TAI designs using these net zero emissions solutions.

Executive Management Changes

We welcome the promotion of Captain William Krewsky P.E., a 38-year marine-industry veteran, as the new President of TAI Engineers. Captain Krewsky recently served as the Vice President of Government Programs for TAI. We also welcome the promotion of Mr. Kris Karri P.E. to Sr. Vice President of Operations and Chief Engineer. President and founder of TAI Engineers, Mr. Anil Raj P.E. will be staying on in an executive advisory role.



Houston Office Expansion

As we expand, TAI has opened an office in Houston at our parent company, S&B Engineers and Constructors, headquarters. We are excited to be able to reach into the S&B's large pool of engineers to support us, but also serve our clients in Houston's marine, oil and gas and wind Energy with offices at their doorstep. TAI is actively hiring for this location, so please visit our [careers page](#) for more information.

Personnel Expansion

We are continuing our expansion and are actively recruiting new team members. We have several open positions available across various departments. If you are passionate about the maritime industry and thrive in a dynamic and collaborative environment, we would love to hear from you. View our current job listings below and visit our [careers page](#) for more information.

- Marine Engineer
- Sr. Marine Engineer
- Drafter Designer
- Structural Engineer (FE Analyst)
- Sr. Designer Marine
- Sr. Marine Electrical Engineer
- Naval Architect
- Project Manager
- Project Engineer
- Executive Assistant
- Mid-Level Technical Writer

Website Upgrades

We are thrilled to announce the launch of our redesigned website. The new site design is user-friendly, highlights our capabilities, and what we have been working on!

It is live and located at the same address: TAIEngineers.com

PRESIDENT'S MESSAGE

I am honored to have been appointed to the position of President of TAI Engineers. This is a great company made up of an exceptional team of people. I want to thank Anil Raj, PE, for his vision, leadership, technical expertise, and business acumen to found TAI in 1993 and build the company into the premier provider of best value ship designs and maritime solutions in the

United States and abroad. The TAI team will focus together on continuing his legacy well into the future. Anil will remain with TAI in an executive advisory role while continuing to provide technical expertise to our critical design programs and mentoring to our team.