

BOOKSA

MARINE DESIGN

NAVAL ARCHITECTURE | MARINE ENGINEERING | PRODUCTION ENGINEERING | ENGINEERING CONSULTING | REFITS | NEW BUILDS



Engineered for the Sea



Engineered for the Sea

Every Boksa boat is a truly rugged vessel with exceptional seakeeping capabilities. Since our naval architects and marine engineers are working sailors who kicked steel onboard, our designs are engineered like small ships that we'd actually take to sea.

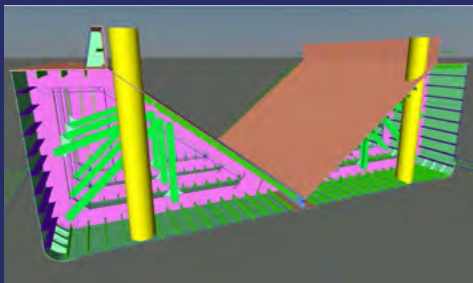




COMMERCIAL & WORK BOAT

High-performance tow boats and barges for challenging river conditions. Naval architecture and marine engineering for inland marine solutions. Powerful, rugged, maneuverable river push boats and stable barges





IN THE SHALLOW

BMD HOPPER BARGE SPECS:

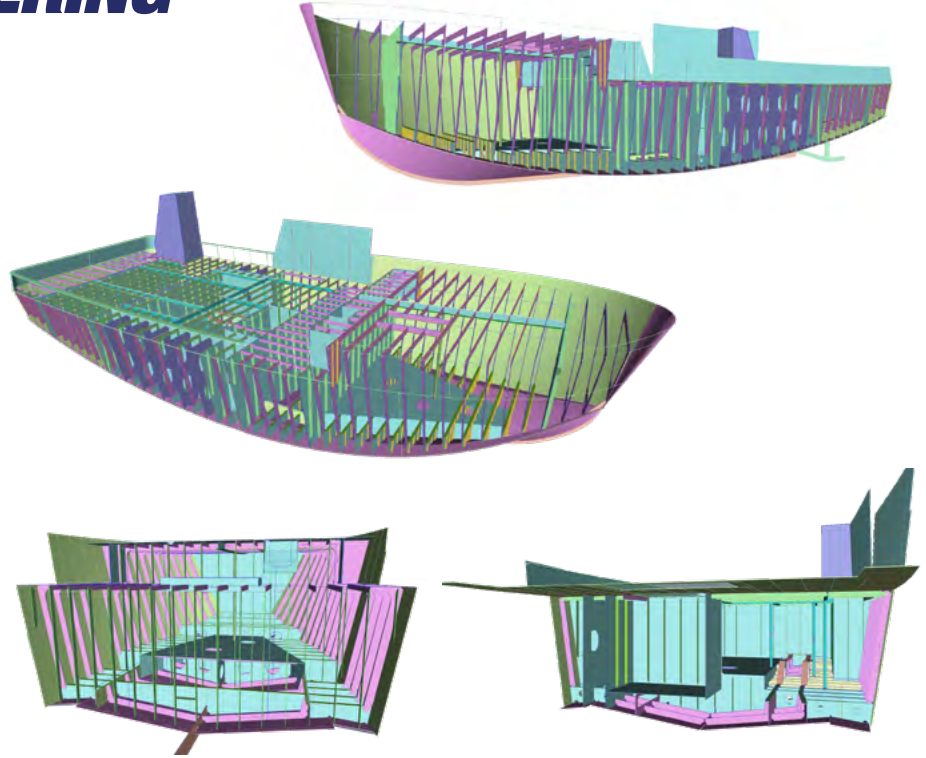
HOPPER LENGTH: 77.958-FT HOPPER BREAT: 19.917-FT HOPPER DEPTH: 6.302-FT HOPPER CAPACITY: 362 Yd³
LENGTH, MOLDED: 102-FT BEAM, MOLDED: 32-FT DEPTH, MOLDED: 7.5-FT

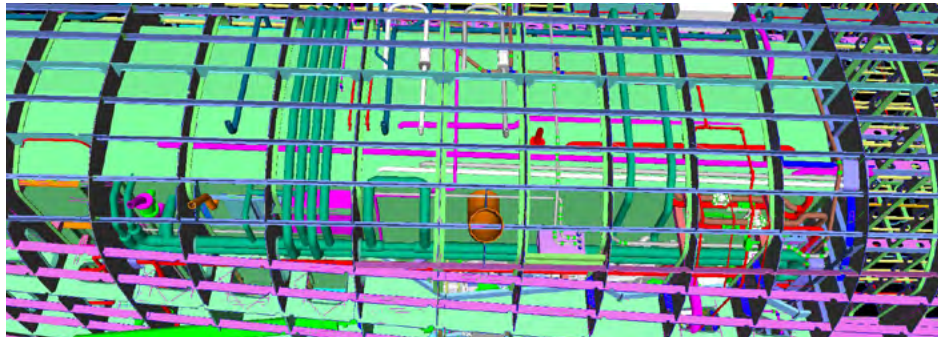
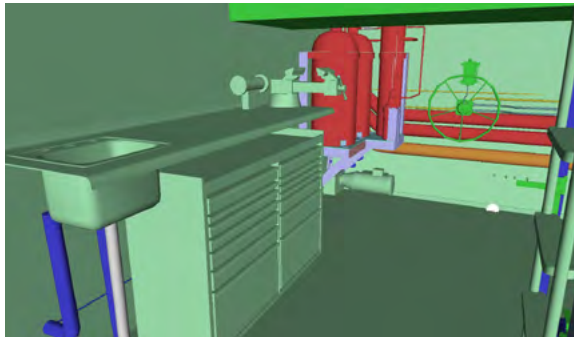
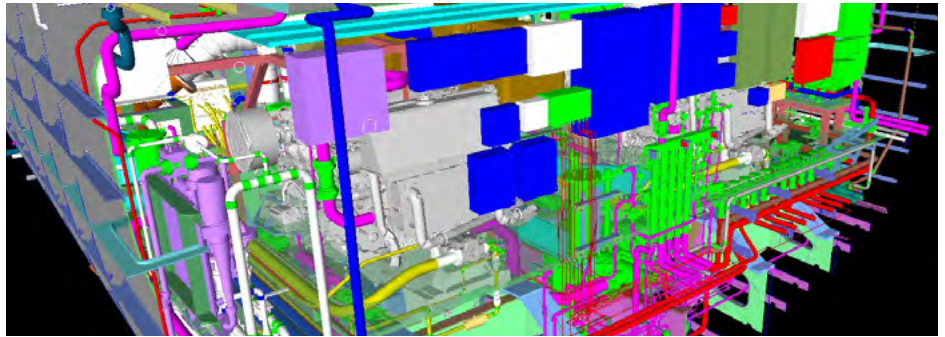
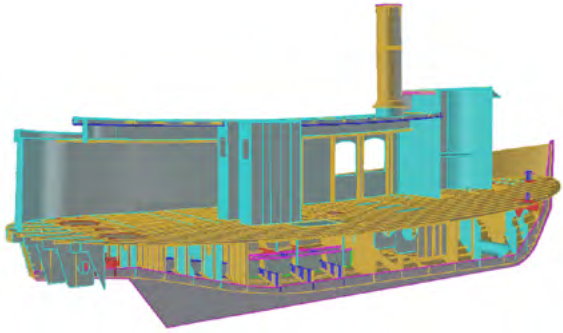
PRODUCTION ENGINEERING, NAVAL ARCHITECTURE & SYSTEMS ENGINEERING

Boksa Marine Design provides engineering for boats, ships, yachts, barges, ferries, towboats, oil rigs and any other marine vessels or structures.

We apply engineering sciences to the development, design, operation and maintenance of watercraft propulsion and on-board systems and oceanographic technology including machinery, piping, automation and control systems.

We provide efficient solutions for every stage of the project lifecycle, from establishing the vessel mission to design development and engineering to overseeing the final build. BMD manages the entire marine design process or assists with specific design services.





Lofting and Nesting of Metal Parts | FRP Tooling Design | Production Drawings | 3D Modeling | 3D Pipe Routing and Spooling
3D Space Planning | Modular Design | Mechanical Engineering | Mechanical Systems Design | Electrical Engineering
Structural Engineering | Outfitting Design | Detailed Shop Drawings | Ballast Water Management Services

WORKBOATS THAT WORK

Hardworking, durable, commercial vessels built to last. Naval architecture and marine engineering for general commercial vessels meeting the mission and intended operational conditions.





Research Vessels | Patrol Boats | Landing Crafts | Crew Transport Vessels | Pilot Boats | Ferries | Passenger Vessels
Support Vessels | Trawlers | Offshore Vessels | Government Vessels | Ocean Tugs & Barges | Commercial Fishing

MISSION POSSIBLE

MultiMission workboats with adaptable platforms, customized with standard accessories



Drug interdiction | Crew Transport Hostile Waters | Law Enforcement | Rescue Operations | Fishery Management | Disaster Relief
Fire Fighting | Oil Spill Response | Military patrol | Army Corp Research | Tour boats | Surgical vessels

PREVENT TAKEOVER

Keel-up, custom design with fully enclosed operations, pressurized cabins and air filtration in hostile waters. Weapons mounts.



YACHT & PLEASURE CRAFT

EXPLORE YOUR WORLD

Top superyacht builders and recreational boat manufacturers choose Boksa Marine Design to create their fleet and new launches with the toughness of a small ship, a noteworthy attribute as superyachts grow increasingly larger.

Burger, Christensen, Newcastle, Pursuit, Custom Steel Boats, Buddy Davis, Derectors, Palmer Johnson, Nordhavn, Egg Harbor, Calyber, Trinity, Lazzara and Phoenix contracted with BMD for new build designs, exterior styling and a full spectrum of marine engineering services.





HEAD OF THE CLASS

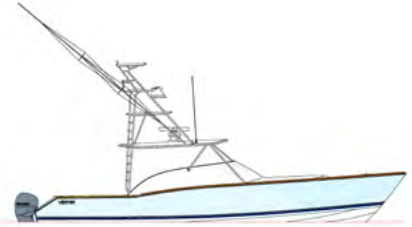
CLASSIFICATION SURVEYS

BMD contributed to Phoenix Yachts' engineering team, bringing systems for the first superyacht in South Korea to meet ABS A1 commercial standards with ABS approval. The systems were designed by KOMAC (Korea Maritime Consultants) and BMD brought the systems into compliance with ABS rules in addition to the machinery arrangement for GHI Shipyard. Turn to Boksa for your classification survey in commercial marine or yachting.



DRAWING BOARD

Custom designs and concepts.



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