

Joint Industry Projects

- Led by industry experts
- Over 35 projects in the past 3 years
- Confidential collaborations



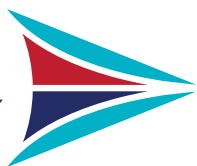
ALL FLAGS ARE NOT ALIKE

Liberian Registry's Support to Decarbonize International Shipping

The Liberian Registry is supporting decarbonization in international shipping by working in close collaboration with shipyards, design companies, classification societies, engine manufacturers, shipowners/managers, and other relevant key stakeholders.

The collaboration is centered around innovative ship designs, new technologies, and alternative fuels. This is done through formalized joint industry projects (JIPs) or joint development projects (JDPs).





Joint Industry Projects



The Liberian Registry's Joint Industry and Joint Development Projects

Since 2016, the Liberian Registry has been actively involved in JIPs/JDPs, having participated in more than 35 projects over the past three years alone. All JIPs/JDPs are covered by confidentiality agreements, but the list below provides a general overview of some of these projects:

- 180K DWT Bulk Carrier - HiMn Type C LNG Fuel Tank and Fuel Gas Supply System
- 210K DWT Bulk Carrier LNG DF (LNG Tank of Type-C)
- 14,700 TEU Container Vessel LNG DF (LNG Tank of Type-B)
- 92K VLEC (TYPE-B HiMn Cargo Tanks)
- 20,000 m3 Liquid Hydrogen Carrier
- Digital Twin Ready of Digital Health Management System of Type B Tank
- Autonomous Ship Solution for 8,000 TEU Class Container Carrier and other ship types
- 22,000 m3 CLASS LCO2/LPG/NH3/VCM Carrier
- Innovative aft ship hull form design
- Onboard Carbon Capture Systems
- 91,000 CBM LPG Carrier - Cargo Handling System with LPG Fuel Supply System Systems
- 40,000 m3 CLASS LNG FSRU (BARGE TYPE)
- Image Recognition/Analysis based Fire Detection System
- High Manganese steel applied NH3 fuel tank of 15K TEU containership
- Cargo Handling System of New Cargo Containment System (CCS) Design
- Development Project of 5 %Ni Alloy Steel Plate for Marine LNG Fuel Tank
- Ammonia Dual-Fueled Very Large Crude oil Carrier (VLCC)
- Autonomous Technology
- 15,400 TEU CLASS CONTAINER CARRIER with Navigation Bridge Forward
- Design of Novel Lashing-free Container Ship
- 40,000 CBM Class LCO2 Carrier
- New Material for Liquefied CO2 Carrier
- Concept design for LNG Fuel Cell Powered Vessels
- Ammonia Reductant Supply System
- 240 MW Floating Nuclear Power Plant
- 30,000 m3 CLASS LCO2 Carrier with new steel material
- Autonomous Ship Solution for 8k TEU Container Vessel
- Biofuel blend
- Rotor Sail System
- Hybrid Vertical Support for 45K CBM LPG Carrier