



Aluminium and Steel boat builders
Concrete Flotation System builders



Vessel Name: MV KENA

Principal dimensions: 32ft (L) x 14ft (W)

Design draft: 1.9ft

Material of Construction: Steel pontoons with aluminium superstructure

Propulsion: 1 x 200hp Oxe Diesel XXL outboard engine

Steering gear: 1 x Seastar 1.7 Cu.in hydraulic helm pump with HC5345 cylinder

Navigation & Communication: Garmin EchoMap UHD 93SV (chart plotter & echo sounder) & 2 x Icom M330 fixed VHF, 2 x Portable Horizon HX400 hand-held VHF

Onboard Power: 12VDC supply using 4 x 120AH battery bank

Battery charging system: Oxe engine alternator & Sterling Power Procharge Ultra 60A

Primary functions: Removal of floating debris and river mapping

Secondary functions: Light towing operations & surveillance

Launch date: April 2023

INTRODUCTION

Eco-Construct Marine Flotation Systems (ECMFS) Nig. Ltd (RC No: 1879101) is a company duly registered under the laws of the Federal Republic of Nigeria to provide lightweight building construction and marine-related services. The company is wholly Nigerian owned and was incorporated under the companies and allied matters Act 2020 on the 4th day of January 2022. ECMFS is affiliated with two long established companies, one of which specializes in lightweight building construction (Eco-Building Systems Nig. Ltd) and the other provides offshore marine logistics services to the International Oil Companies (Fymak Marine & Oil Services Nig. Ltd) operating within the Gulf of Guinea.

With almost two decades of work experience in both the construction and maritime industries, the founding director, Mr. Okey Nwakwesi, came to the realization that in order to achieve the overall long-term objectives of sustained growth in both core competencies, it would be vital to develop capacity in the field of marine vessel construction as well as the deployment of innovative concrete flotation systems for development of shorelines and inland water bodies.



VESSEL CONSTRUCTION

With over eighteen (18) years of experience in the offshore marine logistics industry, managing day to day operations of modern-design state-of-the-art aluminium Fast Support Intervention Vessels (FSIV's), and working hand-in-glove with shipbuilders during the construction of two (2) 170ft x 31ft FSIV's at a shipyard in the State of Alabama USA, our locally born and bred technical/commercial team are well prepared for the task ahead, bringing to bear a wealth of knowledge to provide locally-constructed marine assets built in accordance with applicable design code as well as Class rules (if required), and doing so at unbeatable prices (with no compromise in quality) when compared to their imported counterparts.

With our facility strategically located in the heart of Lekki Peninsula, we are able to construct (from keel laying to final launch/acceptance trials) steel and aluminium marine crafts of up to 85 feet in length. Our build process has been streamlined by ensuring laser precision-cut plates/profiles and type approved fittings are used along with state-of-the-art marine outfitting/equipment, all of which are procured through our well-established local and international supply chain of vendors across Africa, Europe, Canada and the United States of America. Marine assets over 85 feet in length can be built at partner sites in the Apapa area.

We look forward to working with you from the design stage to final delivery for all your newbuild and retrofit aluminium and steel marine vessel requirements.



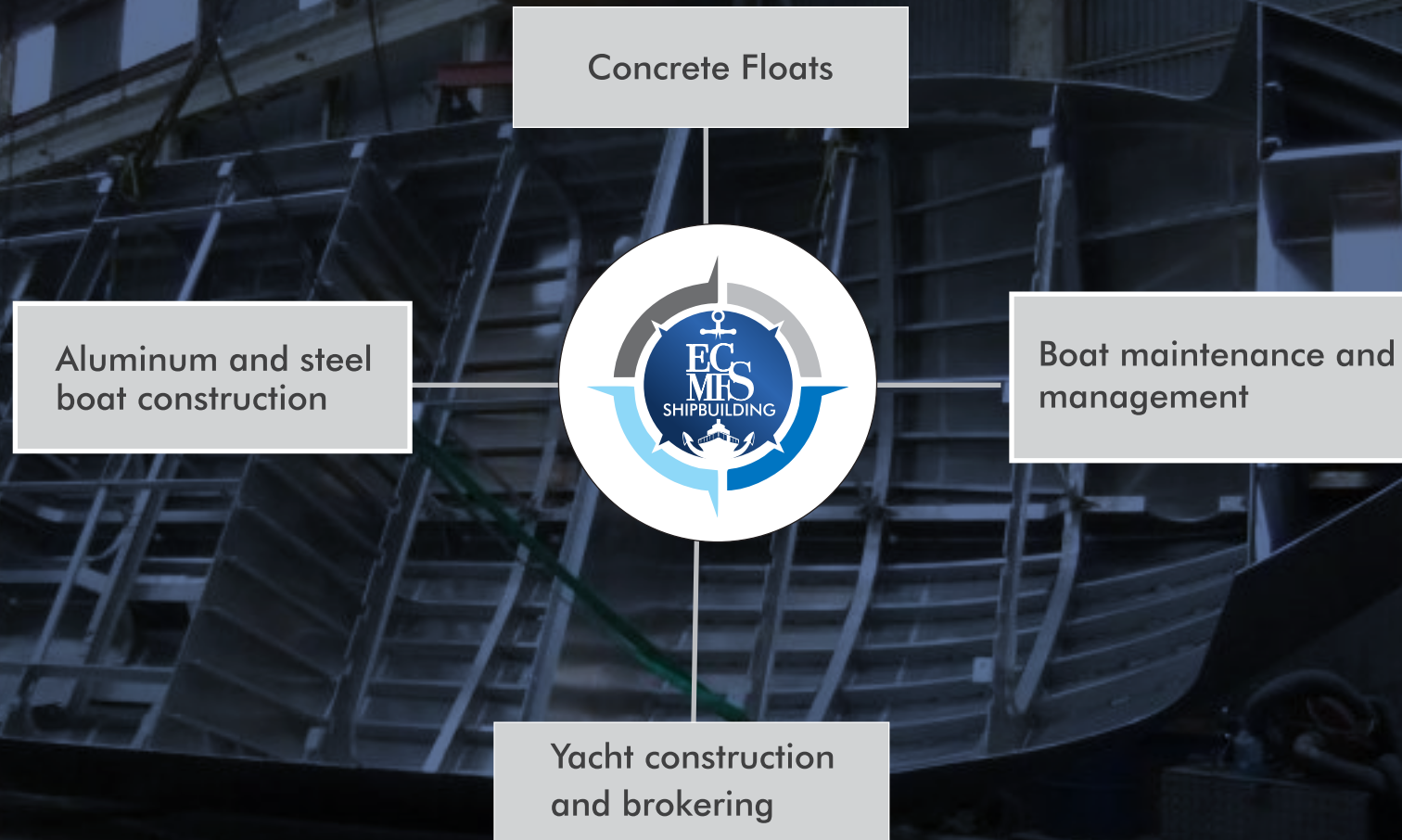
FLOATING CONCRETE FOUNDATIONS

Our technical partners, International Marine Floatation Systems Ltd, situated at 9365 River Road, Vancouver, Canada, has, since their establishment in 1983, been fine-tuning their craft of design, construction and delivery of reinforced concrete floats with an expanded polystyrene core for a range of applications. After a two (2) year campaign, part of which occurred during the Covid lockdown period, our company was able to meet the qualification criteria to be licensed for local manufacture of the IMFS suite of products for the Nigerian market.

We are bullish about the prospects and are delighted to be able to present their rather unique product offering to Nigeria and the wider West African subregion.

We look forward to working with you on the development of your waterfront in accordance with any of the available applications that may be of interest.





ALUMINIUM AND STEEL BOAT CONSTRUCTION UP TO 85FT



40FT INTERCEPTOR SECURITY BOAT



29FT POLICE PATROL BOAT



85FT CATAMARAN PASSENGER FERRY



55FT PILOT BOAT



64FT PILOT BOAT



75FT FIRE FIGHTING RESCUE BOAT



78FT CATAMARAN PASSENGER FERRY



55FT FIRE RESCUE BOAT



36FT POLICE PATROL BOAT

ALUMINUM AND STEEL BOAT CONSTRUCTION ABOVE 85FT

The West African sub-region remains a hub for coastal and deep offshore maritime activity in the continent of Africa. Driven mainly by offshore Oil and Gas exploration/production activities and the region's dependency on imported commodities. Furthermore, the abundant aquatic life in the temperate Atlantic ocean is fertile fishing grounds for the industry operators. With the advent of Nigeria's Deep Blue project to combat insecurity off the West African coast, it is fair to anticipate an uptick in leisure deep sea boating especially during the periods where the sea swells are relatively calm.

Currently, the utilization of inland water routes for movement of dry bulk and liquid cargo is yet to be fully harnessed, and so this presents a challenge for which ECMFS Shipyard would be proud to be a part of the solution by providing locally-constructed fit-for-purpose marine assets that incorporate cutting edge technology thus creating jobs and helping to turn the corner on the present-day trajectory of the Nigerian economy.



In the Lagos Metropolis, fun in the sun on the water has become a popular feature in the leisure activity mix. Short trips around the lagoon and mid-range trips to beach resorts and boat clubs has become the day-trip event to look forward to at the end of a grueling work week. Why not take it a step further by investing in one of our mini-yacht designs guaranteed to create an ambience on water that challenges the notion that man was not built for the sea.

Our partner in Yacht design and fabrication, Forepeak design LLC are in the business of delivering cutting-edge yacht designs. We invite you to treat yourself to a new world of waterway leisure. Be one of the first to own one of our mini-yacht range.

For those who are seeking something bigger and bolder within the much more exclusive price range, we may have just the products for you. We work closely with the "Sunseeker Yachts" brand as well as other luxury brands. We are well positioned to assist in facilitating deliveries, developing jetties and jetty approaches as well as day to day management/maintenance.

Main Deck Layout



42ft sports fisherman mini-yacht

EXPRESS

50FT SPORTING YACHT

BELOW DECK



BELOW DECK LAYOUT



MAIN DECK LAYOUT



BOAT MAINTENANCE & MANAGEMENT

We understand that routine maintenance schedules are not to be taken lightly because a lack of attention to the Original Equipment Manufacturer's scheduled inspections and recommended action, can lead to equipment failure at a time when you need them the most. When you commit to a contract for a newbuild with us, you automatically enter into a maintenance contract for the period of the manufacturer's warranty on the vessels' hull and machinery.

If you own a third party build aluminum or steel marine asset, and wish to hand over maintenance responsibility to us, we will be happy to assess its condition and recommend a repair scope to bring the asset back to its original factory standard in regards to its hull and machinery status. Once this is done, a maintenance contract can be signed on the premise that the asset will be, henceforth, moored at one of our designated jetty sites.

Provision of certified Captains, Engineers and deckhands is key to the success of our overall maintenance strategy since the operators will play an integral part in the process of fault reporting/identification as well as feedback to affirm that the fault condition has been rectified or not post-repairs. Routine review of certification/training requirements will be done to ensure your crew are always prepared for regulatory inspections. Furthermore, for assets that are insured (which we strongly recommend), it may be required that scheduled surveys are carried out by the Flag state administrators (i.e. NIWA, LASWA, NIMASA) and or Class societies such as ABS, Lloyds, Bureau Veritas. In such instances, subject to our client's approval, our management team will liaise with the various parties, schedule the statutory surveys and address all deficiencies required for re-certification.

CONCRETE FLOATS



SPECIALTY FLOAT



WAVE ATTENUATOR



COMMERCIAL STRUCTURES



FLOATING HOMES



MARINAS



YACHT ENCLOSURES

Health, Safety and Environment

We consider the protection and observance of HSE as a corporate responsibility that guides our decision-making across all levels of the organization.

Our employees carry out their work with full and proper regard for their own health and safety and those of other persons who may be affected by their activities.

We strive to responsibly manage and minimize the impact of our business activities on the environment, and we do so by implementing the concept of circular economy across all levels of our operations.

Our Mission

To deliver world class marine-related infrastructure and services while maximizing the use of a trained/qualified local labor force as well as a local vendor supply network to meet a wide range of client needs.

Our Vision

To realize operational excellence in our field of expertise in order to be competitive in the global marketplace, and thereby secure a sizable market share within Nigeria and regional markets.

Shaping
Possibilities.
Together.

TECHNICAL PARTNERSHIPS



Francis D'Cruz

Senior Marine Structural Designer



Our value-proposition is underpinned by our strong partnerships with industry professionals in the fields of naval architecture, marine engineering, civil engineering, and concrete float system design and build.



FOREPEAK
DESIGN LLC.

FOUNDER



Okey Nwakwesi started his career as a Field Engineer in 2004 with Fymak Marine & Oil Services Nig. Ltd. He became the Executive Director - Operations in 2006 after successfully negotiating a contract award from Chevron Nigeria Limited for the construction of two 170ft x 31ft Fast Support Intervention Vessels. He went on to represent the company from commencement (keel laying) of construction through to completion (Vessel launch) at Horizon Shipbuilding Incorporated in Alabama, USA.

The value of his contributions to the vessels design and build was duly acknowledged as evidenced by an inscription on the Built By Plaque, which recognised the owner representative as a partner in the process. Mr Okey Nwakwesi eventually rose to the position of Managing Director in 2009, a position he held for four years prior to making the decision to step aside in order to explore a career within the construction industry, but always with the intent to return to his passion for marine vessel construction.

Armed with a wealth of experience in the marine and construction industries, which expanded his technical and management knowledge beyond the fields of chemical (process) engineering and building services engineering (both degrees awarded at Loughborough University in the United Kingdom) to mechanical/marine and civil engineering, he is now poised to apply that knowledge to take on the vast challenges within the fields of shipbuilding and concrete flotation systems building.

"It is with great enthusiasm that I look forward to making a mark in the marine asset construction industry in Nigeria, as it is clear that there remains a lot to be done to grow the industry, and I remain bullish about the future prospects".

Mr. Okey Nwakwesi

MD/CEO ECMFS Shipyard

Corporate office:

#2 Kingsley Odo Close, Lekki Phase One, Lagos, Nigeria

Jetty facility:

#6 Wole Olateju Crescent, Lekki Phase One, Lagos, Nigeria

Warehousing facility office:

km37 Lekki-Epe Expressway, Awoyaya, Lagos, Nigeria

Contact information:

(+234) 817-339-6938, 0803-845-7735, 0818-825-5176, 1-280-2067

sales@ecmfsboatsandfloats.com.ng

tech@ecmfsboatsandfloats.com.ng

www.ecmfsboatsandfloats.com.ng

