

GRIMALDI GROUP: **GREAT LAGOS** DELIVERED

The second multipurpose ro-ro vessel belonging to the innovative "G5" class will soon be deployed between Northern Europe and West Africa

Naples, 1 September 2023: With the delivery of the **Great Lagos**, which took place on 30 August at the Hyundai Mipo Dockyard Co. Ltd. in Ulsan (South Korea), the Grimaldi Group fleet officially includes two con-ro multipurpose units of the modern "G5" class.

The new vessel is named after the city of Lagos in Nigeria: its port has been served for decades by the Neapolitan shipping company within its maritime links between Europe, North and South America, and West Africa. In addition, the Grimaldi Group currently operates there the largest ro-ro multipurpose terminal in West Africa.

With length of 250 metres, beam of 38 metres and deadweight of 45,684 tonnes, the design of the **Great Lagos** is the result of a careful study of the needs of the Group and its customers: thanks to an innovative and completely customized internal configuration, the G5-class ships are able to transport 4,700 linear metres of rolling freight, 2,500 CEU (Car Equivalent Units) and 2,000 TEU (Twenty Foot Equivalent Units). Compared to the previous G4-class, the new vessels have the same capacity for rolling freight while their container capacity is double.

In addition to loading capacity, the **Great Lagos** stands out on account of her numerous cutting-edge, technological solutions aimed at increasing energy efficiency and reducing environmental impact. Both the main engine and the auxiliary diesel generators will meet the NO_x levels imposed by the Tier III regulation, while the integrated propulsion system between rudder and propeller will minimize vortex losses and, consequently, optimize propulsive efficiency and reduce fuel consumption.

The vessel is designed for cold ironing with shoreside supply of electricity (where available) as a green alternative to the consumption of fossil fuels during port stays. Furthermore, the electrical consumption of on-board machinery (pumps, fans, etc.) is reduced thanks to the installation of variable frequency drive devices, while the application of innovative, low friction paints reduces hull resistance, thus increasing efficiency. Last but not least, the ship is equipped with hybrid exhaust gas cleaning systems for the abatement of sulphur and particulate emissions.

As proof of her high energy and environmental efficiency, the **Great Lagos** enables a reduction of CO₂ emissions per tonne transported of up to 43% compared to other Grimaldi con-ro multipurpose ships.

Starting from late September, the new vessel will be deployed to further enhance the quality of maritime transport services offered by the Grimaldi Group between Northern Europe and West Africa. The other four G5-class units, to be delivered between 2023 and 2024, will also operate on the same routes.

“Our G5-class of ships represents an innovative, efficient response to the demand for increasingly high quality and, at the same time, environmentally friendly maritime services. We have proven this in recent months with the deployment of the Great Antwerp – the first unit of this series – and it will be even more evident with the arrival of the Great Lagos and the other four sister units currently under construction”, said **Gian Luca Grimaldi**, President of Grimaldi Group S.p.A. *“Our commitment and investments continue to generate tangible results and satisfaction in our customers, and step by step they bring us closer to the major, primary objective of the green transition of shipping.”*

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The Grimaldi Group, headquartered in Naples, operates a fleet of over 140 vessels and employs approximately 18,000 people. Wholly owned by the Grimaldi family, it is a multinational logistics Group specialised in the operation of roll-on/roll-off vessels, car carriers and ferries. It comprises seven shipping companies, namely: Grimaldi Deep Sea, operating in the transport of rolling cargo and container on the Atlantic routes and between the Mediterranean and West Africa; Grimaldi Euromed, specialized in the transport of rolling freight in Europe, in the Motorways of the Sea and in the transport of passengers in the Mediterranean with the Grimaldi Lines brand; Atlantic Container Line, which offers transport services for containers and rolling cargo between North America and North Europe; Malta Motorways of the Sea, shipowning company; Minoan Lines, operating in Greek cabotage for the transport of freight and passengers; Finnlines, operating in freight and passengers transport in the North and Baltic Sea; Trasmed GLE, active in the transport of freight and passengers between mainland Spain and the Balearic Islands.

The maritime connections are the core of an advanced logistics chain, which includes port terminals and road transport companies. The over 20 port terminals owned/operated by the Grimaldi Group are located in 12 countries around the world: Italy, Spain, Germany, Sweden, Finland, Denmark, Ireland, Belgium, Egypt, Cameroon, Nigeria, Benin. Most of these terminals are fitted with Pre-Delivery Inspection (PDI) facilities, warehouses and workshops.