

## THE GRIMALDI GROUP ORDERS SIX RO/RO MULTIPURPOSE VESSELS

*Even more capacious and eco-friendly units  
to be deployed on the North Europe - West Africa routes as from 2023*

*Naples, 23 February 2021:* The Grimaldi Group continues investing to upgrade and modernize its fleet. Today, with the signing of an agreement worth over USD 500 million, the Neapolitan Group ordered the construction of **six new ro/ro multipurpose vessels** to Hyundai Mipo Dockyard Co. Ltd (Ulsan).

With a length of 250 meters, a beam of 38 meters and a deadweight of 45.684 tonnes, the ships ordered will inaugurate a **new class called "G5"**, an evolution of the previous class of "G4" ro/ro multipurpose units built by the same shipyard and delivered to the Grimaldi Group between 2014 and 2015. Their design 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 will be able to transport 4,700 linear meters of rolling freight, 2,500 CEU (Car Equivalent Unit) and 2,000 TEU (Twenty Foot Equivalent Unit). Compared to the previous G4-class vessels, the new units will have the same capacity for rolling freight while container capacity will double.

In addition to their loading capacity, the "G5" ships will stand out for the adoption of 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<sub>x</sub> 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 ships will be designed for shoreside supply of electricity at berth, which represents, where available, an alternative to the consumption of fossil fuels during port stays. Furthermore, the electrical consumption of on-board machinery (pumps, fans, etc.) will be reduced thanks to the installation of variable frequency drive devices, while the application of innovative low friction paints will reduce the hull resistance, increasing the efficiency of the units. Finally, the ships will be equipped with hybrid exhaust gas cleaning systems for the abatement of sulphur and particulate emissions.

As proof of their high energy and environmental efficiency, the G5-class units will allow a reduction of CO<sub>2</sub> emissions per tonne transported of up to 43% compared to other Grimaldi multipurpose ro/ro ships.

*"The new series of ro/ro multipurpose G5-class ships was designed to respond even more efficiently to the demand for quality transport services on deep sea routes, reconciling the needs related to international freight traffic with that of protecting the environment", declared **Gianluca Grimaldi**, President of the Neapolitan Group. "We are thus taking a further, important step within a path undertaken for years now with the aim of operating on all our main routes with an increasingly young, modern and eco-sustainable fleet".*

The six ships ordered are expected to be delivered between the first months of 2023 and the end of 2024. The new units will replace older ships of the Group which will have reached an age of 25, and will be deployed to further enhance the quality of maritime transport services offered by the Grimaldi Group between North Europe and West Africa, particularly to Lagos (Nigeria).

This contract strengthens the relationship between the Grimaldi Group and Hyundai Mipo Dockyard Co. Ltd which will build a third consecutive class of ro/ro multipurpose vessels for the Neapolitan group, having already delivered five G3-class and six G4-class units, besides 10 Eurocargo-class ro/ro ships.

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**The Grimaldi Group**, headquartered in Naples, operates a fleet of over 130 vessels and employs approximately 16,000 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 six 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. The maritime connections are the core of an advanced logistics chain, which includes port terminals and road transport companies. The 21 port terminals owned/operated by the Grimaldi Group are located in 12 countries around the world: Italy (Salerno, Monfalcone, Civitavecchia, Catania, Gioia Tauro, Savona Palermo & Livorno), Spain (Barcelona, Valencia and Sagunto), Germany (Hamburg), Sweden (Wallhamn), Finland (Turku & Helsinki), Denmark (Esbjerg), Ireland (Cork), Belgium (Antwerp), Egypt (Alexandria), Cameroon (Douala), Nigeria (Lagos), Benin (Cotonou). Most of these terminals are fitted with Pre-Delivery Inspection (PDI) facilities, warehouses and workshops.