

## GRIMALDI TAKES DELIVERY OF THE *GRANDE ORIENTE*

*The Italian Group's twelfth ammonia-ready car carrier can transport up to 9,000 cars while halving fuel consumption. The vessel will soon embark on her maiden voyage on the Asia–Europe service.*

Naples, 1 July 2026: Yesterday, the Grimaldi Group took delivery of its new vessel **Grande Oriente**. Built by China Merchants Heavy Industries Jiangsu, she is the Neapolitan shipping group's **twelfth ammonia-ready PCTC** (Pure Car & Truck Carrier), designed for future conversion to ammonia as a zero-carbon alternative fuel.

Like her sister vessels already in service—*Grande Shanghai*, *Grande Svezia*, *Grande Michigan* and *Grande Inghilterra*—the new ship stands out for her high cargo capacity and reduced environmental impact, thanks to an innovative design and numerous advanced technological solutions installed on board.

With length of 220 metres, beam of 38 metres, gross tonnage of 93,145, and a cruising speed of 18 knots, the **Grande Oriente** can transport **both electric vehicles and those powered by fossil fuels**, with a maximum capacity of **9,000 CEU (Car Equivalent Units)**.

The vessel's name, **Grande Oriente**—meaning "Great East"—celebrates the Grimaldi Group's expansion into Far Eastern markets, where in recent years the company has strengthened its presence through an increasingly extensive, frequent, and comprehensive network of maritime services. This network connects strategic markets to a global system of more than 150 ports across five continents. In line with this strategy, the **Grande Oriente** will undertake her maiden voyage on the Asia–Europe service, departing in the coming days from Taicang, China, bound for Portbury, United Kingdom, carrying 700 linear metres of rolling cargo and more than 6,200 cars.

From an environmental standpoint, the **Grande Oriente** has obtained the Ammonia Ready notation by the Italian Shipping Register (RINA), certifying that she **can be converted to operate on ammonia as a zero carbon-emission alternative fuel**. However, this is not the only green technology installed on board this highly innovative vessel, which is capable of **reducing fuel consumption by 50%** compared with earlier-generation car carriers.

Built to the highest sustainability and comfort standards, the **Grande Oriente** has been awarded Green Plus, Green Star 3, Comfort Vibration and Comfort Noise Port class notations.

The vessel is equipped with **mega lithium batteries** with a total capacity of 5 MWh and **cold ironing** capability, allowing her to draw electricity directly from shore where facilities are available. Both systems allow her to achieve zero emissions while in port.

She incorporates the most advanced energy-efficiency technologies, including 2,500 square metres of solar panels, silicon-based hull coatings to reduce resistance, and smart systems for optimising ventilation and air conditioning. Her electronically controlled engine features an exhaust gas cleaning

system to reduce sulphur oxide (SOx) and particulate matter (PM) emissions, and selective catalytic reduction to limit nitrogen oxide (NOx) emissions below TIER III levels.

Additional innovations to minimize environmental impact include an Air Lubrication System, an optimized hull design, and an innovative **gate rudder** – installed for the first time on PCTC vessels – consisting of two foil-shaped blades positioned on either side of the propeller, enhances both propulsion efficiency and manoeuvrability.

*"The Grande Oriente is not only a state-of-the-art new vessel but also the symbol of a strategy firmly focused on Eastern markets, which are becoming increasingly central to global trade flows," said Emanuele Grimaldi, Managing Director of the Grimaldi Group. "Through our continuous investments in fleet renewal and the expansion of our service network, we are strengthening the Group's ability to offer extensive, frequent, and sustainable maritime connections, while providing our customers—particularly vehicle manufacturers—with ever more efficient logistics solutions."*

For more information:

**Grimaldi Group** – External Relations: Paul Kyprianou Ph: +39 081 496246; Mob: +39 3204076539; Email: [kyprianou.paul@grimaldi.napoli.it](mailto:kyprianou.paul@grimaldi.napoli.it)

---

***The Grimaldi Group**, headquartered in Naples, operates a fleet of over 130 vessels and employs approximately 21,000 people. Wholly owned by the Grimaldi family, it is a multinational logistics Group specialized 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 containers on the Atlantic routes and between the Mediterranean and West Africa; Grimaldi Euromed, specialists in the transport of rolling freight in Europe, in the Motorways of the Sea and in passenger transport in the Mediterranean with the Grimaldi Lines brand; Atlantic Container Line, which offers transport services for containers and rolling cargo between North America and Northern Europe; Malta Motorways of the Sea, whose vessels connect Malta to the main ports in the Mediterranean; Minoan Lines, operating in Greek cabotage for the transport of freight and passengers; Finnlines, carrying freight and passengers in the North and Baltic Sea; and Trasmed GLE, active in the transport of freight and passengers between mainland Spain and the Balearic Islands.*

*These maritime connections are the core of an advanced logistics chain, which includes port terminals and road transport companies. The 20-plus ports and terminals owned/operated by the Grimaldi Group are located in 13 countries: Italy, Spain, Greece, Germany, Sweden, Finland, Denmark, Ireland, Belgium, Egypt, Cameroon, Nigeria and Benin. Most of these terminals are fitted with Pre-Delivery Inspection (PDI) facilities, warehouses and workshops.*