

# A new concept

*The first ocean-going ro/ro tankers in the world...*

**C**MT Engineering Ltd is a Romanian independent ship design company, founded in 2000. Located in the South East of Romania, on the Black Sea coast in the beautiful city of Mangalia, this young company has a strong background in ship design and engineering, and in the last eight years was involved in about 75 different projects, particularly in highly sophisticated ships for North Sea operation.

It has been well understood that the liquid fuel market includes a large number of island areas, in which gas stations operates to serve local needs. In these areas, the supply of fuel by sea is performed either by passenger vessels dedicated to serve these islands, or with older type (single hull) vessels with an antiquated technology. In both cases, there are great difficulties in planning



and in promptly supplying the gas stations. At the same time, there is a danger involved as far as safety and the protection of the environment are concerned. Our company, with all these factors in mind, decided to create a new modern and revolutionary concept to serve the islands regions.

It is not an idea anymore. It is a reality. The first ship of this class, named 'M/V MAISTROS', will be delivered to Greece on February 2008, while the second ship is scheduled to be launched on April 2008. These special ships will have the capacity to transport liquid fuels with safety as contemporary double hull, double bottom tankers, and at the same time to carry four tank trucks, which will transport fuel from the ships to the gas stations and to industrial clients (factories, quarries, small industries).

These ocean-going ro/ro tankers are capable of carrying on-board six different oil products with a total capacity of 2,640,000 litres. They are 89.95 metres in length, 14 metres in width, have a maximum draught of 4.40 metres, are able to travel in all weather conditions and are outfitted with the most advanced technology. Each ship will carry four tank trucks, each with a 30,000 litre capacity, and

the most advanced loading system for the trucks on-board the ship (from the ship's bottom).

The tankers are being built in a European shipyard under the supervision of the French Register Bureau Veritas (BV) and the combination of this ship, ro/ro (car ferry), with an open sea tanker is considered revolutionary in the liquid fuel transportation sector.

In reality, they are floating liquid fuel installations, with a capacity to fully serve the needs of the islands and the coastal areas in the most contemporary and safe manner.



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