

FINCANTIERI: BOW SECTION OF THE LSS LOGISTIC SUPPORT UNIT "VULCANO" LAUNCHED IN CASTELLAMMARE

Trieste, April 10, 2017 – The launching ceremony of the bow section of the **LSS** logistic support unit "Vulcano", took place today at the shipyard in Castellammare di Stabia (Naples) in the presence of the **Italian Minister of Defence, Roberta Pinotti**. The unit was ordered to Fincantieri within the renewal plan of the Italian Navy's fleet.

Godmother of the ceremony was Mrs. Maria Teresa Piras, widow of the vessel tenant Emilio Attramini, young Italian Navy Officer, who died in 1977 in the air disaster of the Monte Serra.

The ceremony was attended, among others, by the Undersecretary of State for Defence, Gioacchino Alfano, the Chief of Staff of the Italian Navy, Admiral Valter Girardelli, the Mayor of Castellammare di Stabia, Antonio Pannullo, and the Chairman of Fincantieri, Ambassador Giampiero Massolo.

The bow section launched today, 94 meters long, 24 meters wide, 16.3 meters high, weighing about 4.100 tons, will be transported by sea to the shipyard in Muggiano (La Spezia), where it will be assembled to set up the entire unit with the stern section. The delivery of the LSS is scheduled in 2019.

The multi-year program for the renewal of the Italian Navy's fleet foresees the construction, besides the LSS, of one transport and landing unit (LHD or Landing Helicopter Dock) - this unit, too, to be built in this shipyard with works starting this summer and launching in the summer 2019 - as well as seven Multipurpose Offshore Patrol Ships (PPA), with other three in option.

The fundamental characteristic common to all three classes of ships is their high level of innovation providing them with a considerable degree of efficiency and flexibility in serving different mission profiles. In particular, these are dual use vessels, meaning that they may be used for both standard military purposes and those in favour of the community (as for example for civil protection), and they also have a low environmental impact thanks to a state-of-the-art auxiliary propulsion system generating a low level of pollution emissions (electric engines).

The vessel "Vulcano" will be classified by RINA pursuant international conventions about prevention of pollution regarding the more traditional aspects, like the ones of the MARPOL



Convention, as well as those not yet mandatory, as the Hong Kong Convention about ship recycling.

Vessel's characteristics - LSS - Logistic Support Ship

The LSS is a vessel that provides logistics support to the fleet, endowed with hospital and healthcare capabilities thanks to the presence of a fully equipped hospital, complete with operating rooms, radiology and analysis rooms, a dentist's office and hospital rooms capable of hosting up to 12 seriously injured patients. The ship is capable of combining capacity to transport and transfer to other transport vessels used for liquids (diesel fuel, jet fuel, fresh water) and solids (emergency spare parts, food and ammunitions) and to perform at sea repairs and maintenance work for other vessels. The defense systems are limited to the capacity of command and control in tactical scenarios, communications and dissuasive, non-lethal defense systems. The vessel is also capable of embarking more complex defence systems and becoming an intelligence and electronic war platform.

- 165 meters long
- speed of 20 knots
- 200 persons including crew and specialists
- 4 replenishment station abeam and 1 astern
- Capacity to supply drinking water to land
- Capacity to provide electricity to land with 2500 kw of power
- Possibility of embarking up to 8 residential and healthcare modules
- Capacity to perform rescues at sea, through recovery and seabed operations (the ship is equipped with an 30 tons offshore stabilized crane stabilized)
- base for rescue operations through helicopters and special vessels

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Headquartered in Trieste (Italy), the Group has built more than 7,000 vessels in over 230 years of maritime history. With almost 19,200 employees, of whom more than 7,900 in Italy, 20 shipyards in 4 continents, today Fincantieri is the leading Western shipbuilder. It has among its clients the major cruise operators, the Italian and the U.S. Navy, in addition to several foreign navies, and it is partner of some of the main European defense companies within supranational programmes.

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