

NEWS LETTER September 2017

IDAL GROUP ACQUIRES THE AGENCY FOR ULTRASONIC ANTIFOULING SYSTEMS OF HASYTEC Electronics GmbH.

Ultrasonic-based fouling protection becomes part of the Green Technologies portfolio of IDAL GROUP Scarl.

In July, with the signing of the distribution and installation agreement for Italy, Monaco and Switzerland markets, of the antifouling system based on ultrasonic technology produced by HASYTEC Electronics GmbH, IDAL GROUP has expanded its portfolio of "Green Technologies" for the marine sector.

With the acquisition of this agreement, another element of strength has been achieved by IDAL GROUP improving and expanding its strategy to support the reduction of pollution and emissions in both water and air that the company has adopted since long time. Ultrasonic technology is applied both in the hull protection of ships and in the protection of main sea water systems where there is no possibility to use chemical systems like the osmosis evaporation systems (which suffer from chemical treatments) or for systems that are far away from the engine room such as the emergency and fire system sea chests that cannot be controlled locally. Ultrasonic protection is also very effective for the protection of plate heat exchangers or pipes and propellers both for Propulsion and Maneuvering.

This year HASYTEC Electronics system has gained two awards for the innovation and green technology application. The last one was one week ago during the HIPER Conference in Cape Town where HASYTEC received the **HANSA MARITIME INNOVATOR AWARD FOR 2017!**

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CONTINUE LASER SCANNING ACTIVITY AND ENGINEERING DEVELOPMENT AND THREE DIMENSIONAL DESIGN FOR DIFFERENT APPLICATIONS BY IDAL GROUP.

After scanning on board of off shore vessel **CASTORONE** out Cyprus island and the development of Concept Engineering for the installation of a BWMS, laser scanning continued with the acquisition of new orders.

During Spring / Summer 2017 the activity of Laser Scanning has continued with an incredible rate of growth, and IDAL GROUP has considerably



increased its commitment to various scanning projects on board different vessels. After the scanning on board of **GRANDE COSTA D'AVORIO** carried out in November 2016 for the modification of the Fuel System for six twin vessels built at the

Uljanik shipyards in Pula for Grimaldi Group, in April we were engaged on board of another Grimaldi Group vessel, **GRANDE GUINEA**, for a feasibility study for installation of BWMS, continuing with a scanner on board the **SEABOURN OVATION** of the Carnival Group for optimization of shelves in the engine room lockers and stores of the cruise vessel.

The activity is then continued with another scanning made for the design of the Ballast Water Management

System produced by ALFA LAVAL. In fact the Pure Ballast 3 system installation project on board the bulk carrier **SIDER LUCK** was awarded by NOVA SHIP TECH S.A. to IDAL GROUP SCARL and the design activity is going on after scanning in Sefine Shipyard in Turkey. A further scan was carried out for a



feasibility study of installing a BWMS on board another bulk carrier always in Turkey.

Another interesting activity has been entrusted to us by a Canadian Engineering company consisting of full-featured garage, engine room and hull

bridges of a Ro-Pax ferry purchased in Greece, which will then be upgraded and modified in Canada. The scanner pad will be used to carry out the design of the changes on the ferry then destined to operate on the Great Lakes.



IDALCOLD™ PROVISION COLD ROOMS SELECTED FOR INSTALLATION ON BOARD OF COLUMBUS 80 YACHT AND ON SILVER SEA CRUISE SHIP SILVER CLOUD.

The installation of the new product developed by IDAL GROUP for the conservation of board supplies at the Palumbo Ancona Shipyards (ISA YACHT) and MALTA began.

After the development of an intense R & D activity for the definition and realization of a specific refrigeration and storage product, IDALCOLD™ refrigeration cells have been approved by FINCANTIERI for installation on board new constructions, an equally intense operational phase has begun. In fact, the new IDALCOLD™ cells have been selected by the PALUMBO Shipyards for installation on board the Yacht COLUMBUS 80 at ISA YACHT shipyards in Ancona after the construction of the hull at Palumbo in Naples and at the SILVER CLOUD shipyard edit at PALUMBO MALTA SHIPYARDS.

The activities started in June for the COLUMBUS 80 and will end in January 2018 while for SILVER SEA CLOUD will begin this month and will end in October in accordance with the work program of the yard.

The advantages offered by these new refrigerating cells are represented by an increased thermal resistance of the panels, which will allow a reduction in refrigeration power and therefore lower CO2 emissions, but also a new panel connection system that, besides ensuring perfect sealing, also reduces assembly and installation times. Further technological applications are also under study in order to allow further improvements from the point of view of emission reductions and increase of storage time



especially for the vegetables and fruits provisions, too allow larger supply planning margins, ensuring longer retention periods than to the present.



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INTERNATIONALIZATION: IDAL GROUP EAST EUROPE WAS BORN

The Group's transnational expansion continues, with the creation of a new company based in Romania and which will be responsible for all IDAL GROUP's activities in Eastern Europe (Romania, Bulgaria, Ukraine, Croatia and Slovenia).

While we are writing this news IDAL GROUP EAST EUROPE, the new Company of the Group is under official and legal creation. This will be the company of the Group that will be involved in the construction of the new buildings in support to VARD yard in Tulcea (FINCANTIERI Company) and in the maintenance and repair activities in the high and low Adriatic area, Eastern Coast and Black Sea. The envisaged staff will be around forty units which will operate according to needs throughout the area of responsibility both for the traditional activities of the Group for naval construction and repair and for those innovative concepts like the Green Technologies for Shipping (BWMS, SCRUBBER, NOx & CO2 reduction, etc.). The operational scenario and the support we can provide to all our customers from the area's yards to owner and customers trading in the Balkans and Black Sea ports is therefore enlarged and we are sure that the move will improve our capabilities to serve you better and timely.

EVENTS:
IDAL GROUP WILL BE PRESENT AT
MTB EUROPE 18-21 OCTOBER 2017
LAKE MAGGIORE, MTB SHIPYARDS
25-28 OCTOBER MALTA, EUROPORT
7-8-9 NOVEMBER 2017 ROTTERDAM

