



ZWIĄZEK PRACODAWCÓW
FORUM OKRĘTOWE
ASSOCIATION OF POLISH MARITIME INDUSTRIES



NEWSLETTER MAY 2015

NEWS FROM FORUM OKRĘTOWE MEMBER COMPANIES

NEWBUILDINGS

Construction of the second double-ended car & passenger ferry for Port Tallin commenced



Allan Kiil starts the plasma cutting machine for steel plates.
Photo: Ireneusz Gradkowski

On May 19, 2015, Remontowa Shipbuilding SA, member of Remontowa Holding capital group, celebrated start of the construction of the second of two double-ended car and passenger ferries contracted by Estonian owners Port Tallin (newbuilding no. B616/2). The steel plate cutting plasma machine operation was triggered by Allan Kiil, member of the board, Port of Tallin.

The event was attended by the representatives of the owner, classification society DNV GL and the Shipyard.

The execution of the contract is progressing according to schedule. Let us recall the steel plate cutting for the first unit (B616/1) took place on February 20, 2015, in the presence of Estonian minister for economy and infrastructure, Ms. Urve Palo, and its keel was laid on April 30.

Remontowa Shipbuilding signed a new contract for the construction of two double-ended, modern car-passenger ferries in October 2014. Contracted ferries will be the most advanced diesel-electric driven vessels operating in the water of Baltic Sea. The vessels will be also prepared for future upgrade for LNG Single or Dual Fuel propulsion.

The low operating costs will be undoubtedly advantage of these ferries. The optimized hull's shape will cause lower fuel consumption and NOx and SOx emission to the atmosphere. The high level of automation will allow for minimum manning. The 114 meters long vessels will accommodate 150 passenger cars and 600 passengers. The ferries will be delivered to the Owner in 2016.

Opening of the new hull assembly line at Remontowa Shipbuilding



Grażyna Henclewska, undersecretary of state in Ministry of Economy, Andrzej Wojtkiewicz, president of Remontowa Shipbuilding SA and Piotr Soyka, president of Remontowa Holding SA and chairman of the supervisory board of Remontowa Shipbuilding SA performed the symbolic opening of the new investment.

Photo: Piotr B. Stareńczak

On May 14, 2015, Remontowa Shipbuilding, belonging to Remontowa Holding capital group saw celebratory opening of the new ship hulls assembly line with modern gantry crane.

Undersecretary of state in Ministry of Economy, Grażyna Henclewska, along with accompanying representatives of Department of Innovation and Industry were among those attending the ceremony.

Andrzej Wojtkiewicz, president of Remontowej Shipbuilding SA could not hide his satisfaction drawn from the new investment. He emphasized the completion of this investment represents a kind of crowning of the investment programme being implemented for a couple of years at the yard, enabling to intensify production and to build even more state of the art and complex, advanced vessels.

Piotr Soyka, president of Remontowa Holding SA and chairman of the supervisory board of Remontowa Shipbuilding SA congratulated the shipyard's

management and all employees on the occasion of the swift completion of the investment.

He highlighted this was an important and joyful day, as the shipyard was equipped with modern production line enhanced with a new gantry crane of 300 t SWL.

The investment is not only destined for hull assembly, but it also has a purpose in ship launch operations.

Currently as many as 18 ships at varied stages of completeness and of various types are under construction at Remontowa Shipbuilding. These include offshore support vessels, car and passenger ferries and cargo vessels, including LNG fueled ships and ships for operation in harsh arctic conditions, in addition to a mine-hunter for Polish Navy and a training sailing vessel for a foreign customer.

The new production line, located alongside the existing first similar assembly line operated for a couple of years now, will be functioning independently. It is destined for assembly of blocks into hulls of up to 130 m in length and skidding or rolling the hulls onto a adjacently moored floating dock or heavy-lift submersible barge for launching.

Remontowa Shipbuilding SA is currently the largest newbuilding yard in Poland, celebrating 70th years of operation in 2015. Over this period nearly 1000 ships have been delivered. The yard is also one of the most popular employer in the Pomeranian region.

Orderbook portfolio, filled until the end of 2016, provides employment for over two thousand yard's employees and subcontractors. The new investment enhances the production capabilities of the yard, thus generating more workplaces.

Remontowa Holding SA is the Poland's largest shipbuilding and shiprepair capital group, leader of industry in the region and one of the largest employers in Pomerania. The Holding manages two shipyards and a wide range of companies active in shipbuilding, ship repair and conversions and offshore markets, including Remontowa Marine Design & Consulting - one of the Europe's largest naval architecture and marine engineering consultants, Remontowa Hydraulic Systems (former Hydroster), Remontowa LNG Systems (former FUO Rumia), Remontowa Marine Services (marine electronics), Famos (ship's furniture), Remontowa Lighting Technologies (former Polam-Rem), as well as companies specialized in anti-corrosive protection and others.

This wide variety of products and specialist services allow to provide one-stop solutions for the whole market. The capital group employs the workforce of over 7000.

Aluship Technology built superyacht superstructure



Superstructure from Aluship Technology on its way to the Netherlands.
Photo: John Groenendijk

Aluship Technology, renowned manufacturer of aluminium marine & offshore structures, located in the area of the former Gdańsk Shipyard, delivered superstructure of a superyacht on May 9, 2015. The structure, weighing approx. 187 tons, was built for Rotterdam based Oceanco shipyard and is destined for Y715 newbuilding superyacht.

Oceanco shipyard is long time customer of Aluship Technology. The previous ship structure recently delivered from Gdansk based yard was, again, the superstructure for a 110-m superyacht, newbuilding no. 714, that was launched more than month ago.

OFFSHORE

Remontowa distinguished in UK Oil and Gas Industry Safety Awards 2015



Remontowa's diploma of the Highly Commended in "Workforce Engagement" category of the UK Oil and Gas Industry Safety Awards 2015 edition.

Remontowa awarded for safe work on FPF-1 conversion project.

In the fifth UK Oil and Gas Industry Safety Awards 2015 edition, Petrofac and Remontowa SA, member of Remontowa Holding, have been Highly Commended in the „Workforce Engagement” category.

The winners of awards, celebrating the people and companies striving to ensure North Sea oil and gas operations are as safe as they can be, were named at awards ceremony held in Aberdeen on April 29, 2015. The prestigious awards are UK Offshore Oil and Gas sector related, but have international importance, given the specialists and companies working in the UK offshore industry are coming from many countries. The event was jointly organised by Oil & Gas UK and Step Change in Safety organizations.

Oil & Gas UK is the leading representative organisation for the UK offshore oil and gas industry. Its members, who number over 500, are companies licensed by the Government to explore for, and produce, oil and gas in UK waters and those in the industry's supply chain.

Step Change in Safety is a member-led, not-for-profit organisation which seeks to make the UK the safest oil province in the world to work in. The organisation has 137 members, which represent operators, contractors, trade unions, regulators and the onshore and offshore workforce.

There were over 100 nominations to the UK Oil and Gas Industry Safety Awards. Petrofac and Remontowa working together on the Petrofac - operated FPF-1 floating production semi-submersible platform modification project have been earlier pre-selected in the „Workforce Engagement” category.

As of May 2015, the *FPF1* modification project has reached its final stage. This production facility, serving as a plant for initial processing and preparing of oil extracted from the offshore field for transport, was built practically from the scratch (receiving all new topsides) at Remontowa SA during 2012-2015.

The platform has a minimum of 15 years of projected life on field and will be moored on the North Sea, serving Stella, Harrier and Hurricane oilfields.

First steel cutting for the *Hanne Knutsen's* conversion into an FSO



The event was attended by numerous representatives of involved companies.

Photo: J. Uklejewski

Remontowa Shiprepair Yard SA, member of Remontowa Holding has recently held a steel cutting ceremony to mark the start of conversion of the shuttle tanker *Hanne Knutsen* for Total's Martin Linge field on the Norwegian Continental Shelf. Once the conversion of this shuttle tanker is completed, the vessel will serve as an FSO unit for the Martin Linge offshore development.

As announced in December 2013, KNOT FSO 1 AS, a wholly owned subsidiary of Knutsen NYK Offshore Tankers AS, had signed a time-charter contract with Total E&P Norge AS for a floating, storage, and offloading unit (FSO). For this project, a KNOT shuttle tanker will be converted into an FSO unit and then chartered by Total E&P Norge AS. The converted FSO will be used to store and offload oil that has been pumped from the Martin Linge field in the Norwegian North Sea.

This field is held by a partnership comprising the operator Total E&P Norge AS, Petoro AS and Statoil Petroleum AS. After delivery, the FSO unit will be chartered to Total E&P Norge AS for 8 years plus up to 4 optional years.

The conversion contract was signed on March 10, 2014. Redelivery of the FSO unit, that is expected to arrive at Remontowa SA as a shuttle tanker early October 2015, is scheduled for July 2016.

For several months now, dedicated team at Remontowa SA has been occupied with Martin Linge project. The team cooperates both with Total, operator of the Martin Linge offshore development, with the shipowner - Knutsen and Romanian, Galati based Icepronav Engineering Srl - consulting naval architects and marine & offshore engineers experienced in offshore units conversion projects.

The scope of conversion includes additional division of cargo tanks, installation of new piping as well as new electrical and electronic systems, aft offshore offloading system installation and replacement of the helideck with a new structure of the same purpose.

Important part of the conversion related tasks is maximizing of the prefabrication of various structures so as they are ready for installation immediately upon vessel's arrival. Prefabrication, physically, commenced with first steel cutting mentioned above.

Svein Berg, supervising the project for Total, commenced the first steel cutting for Martin Linge FSO prefabricated structures by starting up the steel plasma cutting machine. The first steel cut was part of the transverse bulkhead on frame 55.

MISCELLANEOUS

PLN 15,2 billion for Polish Navy modernization... New military technologies discussed in Warsaw

The 11th edition of the International Conference and Exhibition: Advanced Technologies for Homeland Defence and Border Protection was held on 14 May 2015 at the InterContinental Hotel in Warsaw.

The conference was accompanied by an exhibition of products and services from the defence sector and arms industry.



Hundreds of participants attended the Conference in Warsaw.
Photo: Andrzej Józwiak



There were senior Polish Army commanding officers among the Conference's panelists.
Photo: Andrzej Józwiak

This annual conference brings together, from the very first time it was held, leading Polish and international specialists in national defence and security. Owing to the careful selection of speakers and good groundwork regarding the issues coming under discussion, and also what are often premiere presentations of products on a national scale, the conference had become one of the sector's most important events, a valuable source of specialist information and a forum for exchanging knowledge and experiences.

The conference was organized by Zarząd Targów Warszawskich (ztw.pl) and Portal Morski (portalmorski.pl) was among the main media partners.

Of nearly PLN 140 billion that are planned to be spent on military forces and defence until 2022, over 15 billion is destined for renewal of Polish Navy. After almost 20 years of negligence and almost no investments, the opportunity emerges to strengthen Polish Navy with modern ships to take an important part in defence system of Poland, while Polish companies could and should be beneficiaries of this significant public spending leading to modernization of Polish Navy.

So far, in recently started Polish Navy modernization program execution, member companies of Forum Okrętowe are taking the lead, especially Stocznia Marynarki Wojennej, Remontowa Shipbuilding and Centrum Techniki Morskiej (CTM).

According to initial plans the proper, desired strength of Polish Navy will be secured with 12 new ships in four classes: three multipurpose attack corvettes / coastal defence ships („Miecznik”), three submarines („Orka”), three patrol vessels („Czapla”) and three minehunters („Kormoran”). Three corvettes and four patrol vessels are planned to be commissioned until 2022. A year later the last of planned submarines is expected to be in service.

So far the most advanced program execution is seen in „Kormoran” mine-hunter class. The first unit of this class is under construction at Remontowa Shipbuilding (with Naval Shipyard Gdynia and Centrum Techniki Morskiej being the remaining members of the consortium). The hull of this ship left the assembly hall on May 3 and is being prepared for launching.

Video report from the event (in Polish), focused on Polish Navy modernization plans, is available at:
http://bit.ly/modrn_defence_tech

New members of Forum Okrętowe and press conference on shipbuilding industry

On May 28, 2015, meeting of the Council of Forum Okrętowe took place on the Warsaw premises of the Forum's member - K&L Gates Jamka. On this occasion further members were enlisted - StoGda Ship Design & Engineering Sp. z o.o. of Gdańsk and Gdynia Naval Academy.

Afterwards, on the same site, a press conference was held, with strong presence of banks and media, with the main theme: “Strong position and capabilities of shipyard sector in the process of reindustrialization of the country”.

During the press conference, a short video “Polish maritime industry - review of events” was shown and presentations were given by representatives of Remontowa Holding, Vistal Gdynia and Rolls-Royce Poland. More detailed report from the event will be published in the next issue of the Forum Okrętowe Newsletter.

Competition finals concluded in the competition for the best engineering thesis (BEng) at the Faculty of Ship Technology and Offshore Engineering at Gdańsk University of Technology



The winner (first from left) and finalists of the competition with prize sponsors and representatives of the University.

On May 21, the finals of the “OiO4um” competition for the best bachelor of engineering thesis at the Faculty of Ship Technology and Offshore Engineering at Gdańsk University of Technology took place. The winner turned out to be Tomasz Bielecki BEng, author of the thesis “Design of the racing waterbike”. The other finals participants were engineers Dawid Stecki BEng (with thesis on “Structural design of an inland waterways passenger catamaran”), Dawid Zaniewski (“Initial design of a high power low boiling temperature agent’s steam powered turbine generating set based on thermal power of the ocean”). The winner and finalists were presented with prizes - three one month paid apprenticeships, sponsored by Forum Okrętowe member companies: Aluship Technology (newbuilding yard), Deltamarin (consulting naval architects and marine engineers) and Polski Rejestr Statków (classification society). Our best wishes for further success to the winner and finalists.

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