

TECHCROSS NEWS

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Providing Right Solutions For Your Ships

2017 March Edition. Issue. 09

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News 01. Techcross Presented a Market Forecast at Conference

Asian Ballast Water Treatment Technology Conference was held in Singapore on March 8. It gave the insights into BWT regulations, technology and management strategy to ship owners who are anxious about the implementation of Ballast Water Management Convention as of September 2017.

Asian Ballast Water Treatment Technology Conference consisted of 5 sessions and in the session II titled "Approved Solutions", Techcross had a presentation of "BWMS Market Forecast" by Tony Kang, General Manager of Strategy & Planning Department. He presented market forecasts with 2 possible scenarios based on current maritime industry status. The attendees showed great interest in the supportive material that can help them to set up a future strategy with actual figures.

At the forthcoming "European Ballast Water Treatment Technology" conference scheduled to be held in Amsterdam on 24 April, Techcross will have a presentation titled Techcross as a Total Solution Provider. Those who have inquires related to this conference can contact Techcross staff through Contact menu at Techcross website.



News 02. Techcross Signed Cooperation R&D with KRICT



Techcross signed an agreement on Cooperation Research and Development with KRICT (Korea Research Institute of Chemical Technology) on February 20. Its purpose is to conduct joint research programs to develop high value added chemical product using unused carbon source.

Event Schedule

Public Event

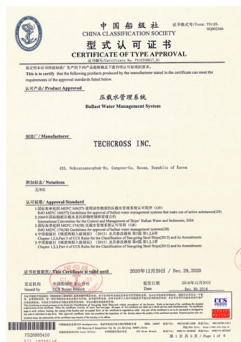
- April 5 ~ 8, 2017
: Europort Istanbul 2017 / Istanbul, Turkey
- April 24, 2017
: European Ballast Water Treatment Technology Conference
/ Amsterdam, Netherlands
- May 25 ~ 27, 2017
: Bariship 2017 / Imabari, Japan
- May 30 ~ June 2, 2017
: Nor-shipping 2017 / Oslo, Norway

TECHCROSS Event

- April 29 ~ May 7, 2017
: Holiday
- May 25, 2017
: Foundation Day

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News 03. Techcross ECS Wins Type Approval from CCS



Techcross, a Korean leading ballast water management system (BWMS) manufacturer, received a type approval from the China Classification Society (CCS) for its ECS (Electro-Clean™ System) on December 30, 2016, and the relevant certificate was issued officially on January 17, 2017.

The products approved by CCS range from ECS 150B to ECS 1000B and the explosion proof type models have been also approved.

As of 2015, Chinese ship owners' fleets account for over 10% of Merchant vessel's tonnage all around the world and the most vessels they order are being classified by CCS. With obtaining the type approval, Techcross will be capable of dealing with newbuilding projects which will be built for Chinese ship owners for the future, as well as retrofit projects accounting for more than 10% of World's Merchant ships tonnage.

Some classification societies request plan approvals only. However, in case of CCS project, the BWMS must have CCS type approval. Although Techcross has been involved in a lot of Chinese owners' projects so far based on its technology and quality of ECS, Techcross tried to win the type approval in order to deal with the demands from more clients as well as the stronger rules.

Many tests and documents were required to receive the Type Approval. Especially, to an issue related to H2 Gas, the classification society asked safety tests for ECS. Therefore, Techcross had conducted CFD (Computational Fluid Dynamics) test using several super computers for a month at KOMERI. This test was conducted in extreme situations such as the system operation on the slanted vessel about 15 degrees and the operation in the vent blocked on 3 different vessel types. As a result, H2 Gas was detected below 0.1% which is much lower than Lower Explosive Limit (LEL/ 4%). It proves that Techcross' ECS is risk-free system regarding H2 Gas even in these extreme environments. Also, it is first time to conduct safety test on these conditions in this industry which has been demonstrated ECS' safety officially.

As of 24, JAN, 2017, Techcross has won Type Approvals from Japan, Liberia, Cyprus, the Korean Shipping of Register (KR), the American Bureau of Shipping (ABS), the Russian maritime Register of Shipping (RS), the Bureau Veritas (BV), the Royal Institute of Naval Architects (RINA), Lloyd's Register

News 04. Minister Prize at MOTIE



The 37th Regular General Meeting of KOMEA (Korea Marine Equipment Association) was held on February 23. During this meeting, the award ceremony from MOTIE (Ministry of Trade, Industry & Energy) also took place for acknowledging the people who have attained remarkable achievements in Korean maritime industry through continued devotion in their professional field.

Jay Lee, Sales General Manager of Techcross, was honored to be awarded the Minister Prize at the ceremony. He is quoted as saying "I think contribution to the company is one of the main reasons for the award. I will take this opportunity to keep striving to concentrate on my duty."

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News 05. Techcross Signed MOU with Damen Shipyard & HRDD

Techcross, a global leading ballast water management system manufacturer, keeps expanding their global service networks to provide the better services to customers who consider installation of BWMS on their existing vessels during IOPP certificate renewal after implementation of BWM Convention on September, 2017. As a part of the efforts, Techcross has recently signed 2 MOUs for the installation of BWMS with Damen Ship Repair Harbor & Voyage in Netherlands in December 2016 and HRDD (Huarun Dadong Dockyard Co., Ltd.) in China in February 2017. These repair shipyards have earned their reputations for their reliable services. With the agreement done, Techcross has been set up to provide geographically more optimized and reliable services to customers under the contracts with those repair shipyards.

As of Feb, 2017, Techcross has 8 retrofit service bases all over the world with 2 additional repair shipyards to 6 existing ones (Singapore, UAE, India, Spain, Malaysia, China). In addition to our initiative to stabilize the retrofit bases, we have been all out to not only build up our own global after sales networks but also strengthen the technical competency of the engineers to provide good quality of services on time for customer satisfaction.

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WE ARE BWMS
TOTAL SOLUTION PROVIDER

PRODUCT ENGINEERING MANPOWER A/S SERVICE PRODUCTIVITY

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