

TECHCROSS NEWS

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Providing Right Solutions For Your Ships

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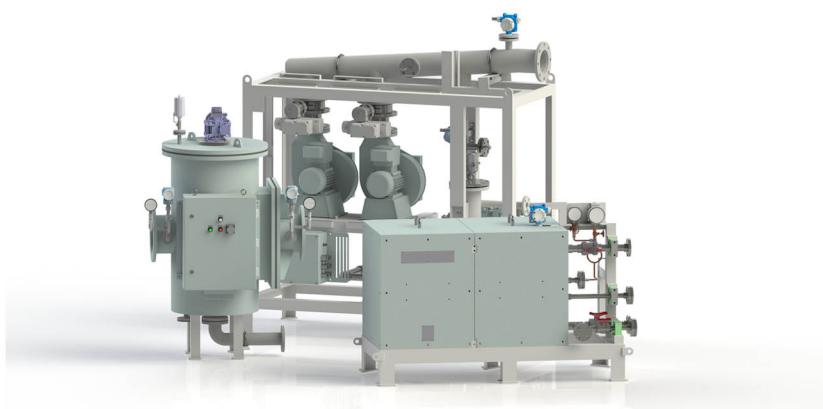
News 01. Techcross Holds Event to Celebrate the 20th Anniversary of Foundation

On May 22, Techcross held an event to celebrate the 20th anniversary of the company's foundation in its plant located in Busan, Korea. Following the national atmosphere that is refraining from group events due to the coronavirus, the event followed the public disease prevention guidelines. The simple event featured remarks by the CEO Wayne Park, in addition to an award ceremony for employees with long-term service and contributions to the company.

Techcross, a company with a revenue of only 8 million dollars in 2010, grew by over 18 times in just a decade, achieving a revenue of 148 million dollars last year. The company has been managing the unexpected difficulties brought on by the coronavirus in 2020, but it expects to normalize the situation through company-wide efforts.

In addition, Techcross is focusing on spreading its unique culture and value through Vision 2025, which will be put in place during the second half of this year, in an attempt to grow revenue and expand the business structure. Staying true to its mission of contributing to humanity and environment through convergence of technology and human, Techcross is working to go beyond shipbuilding and marine industry to grow into a comprehensive environmental company.

News 02. Achieved USCG Type Approval for ECS-HYCHLOR



The indirect electrolysis based system called ECS-HYCHLOR developed by Techcross received type approval from USCG (United States Coast Guard) on May 11 following its type approval from DNV-GL and Korean government. The USCG type approval is an essential certification required by ships entering U.S. ports.

This USCG type approval covers at full capacities ranged from 300 to 8,000 tons per hour with both non-explosion and explosion proof types.

With this type approval for ECS-HYCHLOR in addition to existing ECS with direct electrolysis, Techcross has developed into providing a wider product option depending on the technology preference of the clients and optimal installation for various ship types. This will enhance the company's sales activities.

Event Schedule

Public Event

- October 26 ~ 30
: Posidonia 2020 / Athens, Greece

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- August 1 ~ 9 : Summer Holidays
- September 26 ~ October 4 : Korean Thanksgiving Day

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News 03. Remote Commissioning, a New Alternative for Coronavirus

Since coronavirus has struck the world widely and entry between nations has been restricted for more than 4 months, customers are suffering from lack of service engineer's physical attendance at system installation and commissioning stages. Meanwhile, Techcross has recently succeeded in remote commissioning and testing consecutively, suggesting an alternative solution to the physical presence in this pandemic situation.

Techcross and a Greek ship owner successfully completed remote commissioning and testing for 105K crude oil tanker in Dubai dry dock in May 2020. It is the first case in the Middle East country after the first successful completion of remote commissioning at JMU (Japan Marine United Corporation) Maizuru Shipyard in Japan. Concerned about the classification society's comment against engineer's absence in the field, both of parties intended to postpone the commissioning in the beginning. However, well prepared communication equipment, application on the vessel and cooperation among experienced engineers at day and night made the whole procedure succeed. Using remote viewer program, two Techcross engineers and four field managers from the vessel shared the commissioning issues through pictures and video and carried out troubleshootings properly in real time for 10 days. Even if communication is done smoothly, remote work process is not an easy job. This attempt required trust, courage, preparation, coordination and good cooperation between two parties. The customer was satisfied with the result and plans to apply the same to the next following vessel.

After successful experience in Dubai, a new building project in a Japanese Shipyard in early June was successfully done on the same remote commissioning and testing with Techcross TF team. Techcross said, "Manual book for remote commissioning has been distributed to help cooperation with each other just in case, and we do believe the remote service is on the process of settling down."

Coronavirus has brought new paradigm of work method with advanced technology to our lives. Every industry expects working patterns will dramatically change with the trigger of coronavirus and needs to prepare for Post-Pandemic Society. Just like the saying "Crisis is another door for opportunity", Techcross attempts to ensure compliance with the regulations, protecting our own people and customers. In this regard, this remote commissioning could be a good example of dealing with difficulties in this crisis in a constructive way.

News 04. Techcross Singapore Office Moved to Larger Office



The Techcross Singapore Office moved to a larger office on the 1 of April. In order to establish a regional base to respond to increasing orders, Techcross dispatched two employees from headquarters in May 2018 to the export incubator office operated by KOTRA (Korea Trade-Investment Promotion Agency) and the Korea SMEs (Small and Medium Enterprises) and Startups Agency, and it is now making its second leap even before two years have passed since opening the branch in Singapore.

With the mandatory installation of BWMS for the BWM Convention, Techcross Singapore Office has moved its offices to the nearby Jurong East area to reinforce manpower and services to respond to the explosive growth in service requests and meetings with customers since last year. The new office is over 230m² in size and capable of accommodating up to 15 people, and is also equipped with a warehouse able to store more than 50 sets of materials including rectifier parts and reagents that are frequently requested for urgent dispatch, bringing added speed to the supply and provision of materials. The new office will house ten employees, including five engineers, and plans to seek further stabilization through recruiting of more local employees.

Techcross has also established a local partnership system based on material warehouses and three engineers at local service partner Dintec Singapore and a stable chemical supply from Eureka Control System Pte Ltd, with an ultimate goal of growing into a hub for Southeast Asia service centers, including Singapore, nearby Malaysia, Indonesia, and Vietnam.

An expansion in such a short period of time is a rarity, not just in this industry but in others as well. However, thanks to the New Southern Policy, declared by the Korean government in November 2017, Techcross has shown steady growth since 2018 through an MOU through a customer company Anglo Eastern Ship Management during the Korea-Singapore business partnership supported by KOTRA, in addition to turnkey orders for 9 LNGC (approximately 13 million dollars) for the shipowner of Eagle Star project. Through this company expansion, the Techcross Singapore Office intends to take its localization one step further.

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Regulations 01. COVID-19: Ballast Water Management Extensions

On 1 April 2020, USCG adjusted its extension policy, for those vessels impacted by the COVID-19 pandemic with BWMS compliance dates before 1 April 2021, recognizing the resulting in closed country borders.

USCG expects that the installation and commissioning of BWMS will be completed as scheduled for any vessel which conducts a credit drydock before 1 April 2021. In instances where the COVID-19 pandemic has rendered it impractical to perform necessary or scheduled work on a vessel, the following guidance regarding an extension is provided.

1. USCG will extend all compliance dates up to 12 months upon request. There is no need to provide any supporting documentation, however vessel owner or operator will need to identify the vessels in order for USCG to adjust the necessary documentation. It should be understood that this is not an interim extension, and additional time to accommodate operational or regulatory schedules should not be expected.
2. In those instances where an extension of more than 12 months is needed, the person in charge of a vessel may request an extension in accordance with 33 CFR 151.2036 (Extension of Compliance Date). Requests for more than 12 months should include:
 - A. Documentation that a system was purchased, and arrangements were made to have it installed. As is normally provided in extension requests, contractual documents or third party correspondence that include the previously arranged date and location of installation is adequate.
 - B. Documentation that the system could not be installed due to COVID-19 related restrictions. It includes third party documentation, typically from the drydock facility or BWMS maker.
 - C. The plan for installing the system, including a list of previously performed and scheduled work, and an estimate as to when and how installation and commissioning will be completed.

In instances where arrangements were made to convert an AMS to USCG type approved system, but the conversion was not completed due to the pandemic, and extension may be requested to continue operating the AMS under 33 CFR 151.2026 (Alternate Management System) until the conversion can be accomplished by providing details as noted above.

As such, all extension requests should be scanned and sent in by e-mail at Environmental_Standards@uscg.mil in order to expedite review. The review and approval of an extension request could take as long as 30 days.

For more information:

https://www.dco.uscg.mil/Portals/9/DCO%20Documents/5p/MSIB/2020/MSIB-14-20_COVID-19_Ballast_Water_Management_Extensions.pdf

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