

Delivery of Third Dual-fuel Dredger to Van Oord

- Successful completion of the third and final newbuild Trailing Suction Hopper Dredger, *Vox Alexia*, for Van Oord
- The delivery success of *Vox Alexia* to Van Oord further demonstrates the Group's proven capabilities in specialised shipbuilding and cleaner offshore & marine solutions

Singapore, 30 May 2023 – Seatrium Limited (“**Seatrium**” or the “**Company**”, together with its subsidiaries, the “**Group**”), through its wholly-owned subsidiary Seatrium New Energy Limited (formerly Keppel FELS Limited), and Van Oord Ship Management BV (“**Van Oord**”) marked the successful completion and delivery of *Vox Alexia*, the third dual-fuel Trailing Suction Hopper Dredger (TSHD), during a sailaway event held on 26 May 2023.

The delivery of *Vox Alexia*, the final unit of a series of three dual-fuel LNG-powered dredgers, repeats the earlier success of the first and second dredger newbuilds *Vox Ariane* and *Vox Apolonia* delivered in April and December 2022 respectively. Both sister vessels are currently in service and contributing to Van Oord's cleaner fleet operations.

Leveraging the experience of constructing two earlier units, and an integrated Seatrium-Van Oord team approach, the project is delivered with good safety performance of 2.6 million manhours without LTI (lost-time incident) as well as stringent quality and performance standards.

Vox Alexia is built to the requirements of International Maritime Organization's (IMO) Tier III regulations and classification society Bureau Veritas (BV), with detailed engineering performed to meet the vessel's operating specifications. With a hopper capacity of 10,500m³, the state-of-the-art dredger incorporates highly automated marine and dredging systems, as well as an onboard data acquisition and integrated control system to enhance efficiency and operational cost savings. Certified with the BV Green Passport and Clean Ship notations, the vessel has a climate control system to recycle energy and advanced data analytics systems for sustainable and smart operations. The TSHD is equipped with a suction pipe with submerged e-driven dredge pump, two shore discharge dredge pumps, five bottom doors, a total installed power of 14,500 kW, and is able to accommodate 22 persons.

Following delivery, *Vox Alexia* will set off from Singapore for further preparatory trials by the customer prior to service commencement later this year.

The construction success of *Vox Alexia* further extends Seatrium's track record in specialised vessels construction and proven capabilities in delivering cleaner and greener solutions for the industry. Prior to the three dredgers constructed for Van Oord, the Group delivered five world's first EU Stage V TSHDs – which fulfil strict emission standards and are capable of dredging at ultra-low levels of emission – to Jan De Nul between 2019 and 2020.

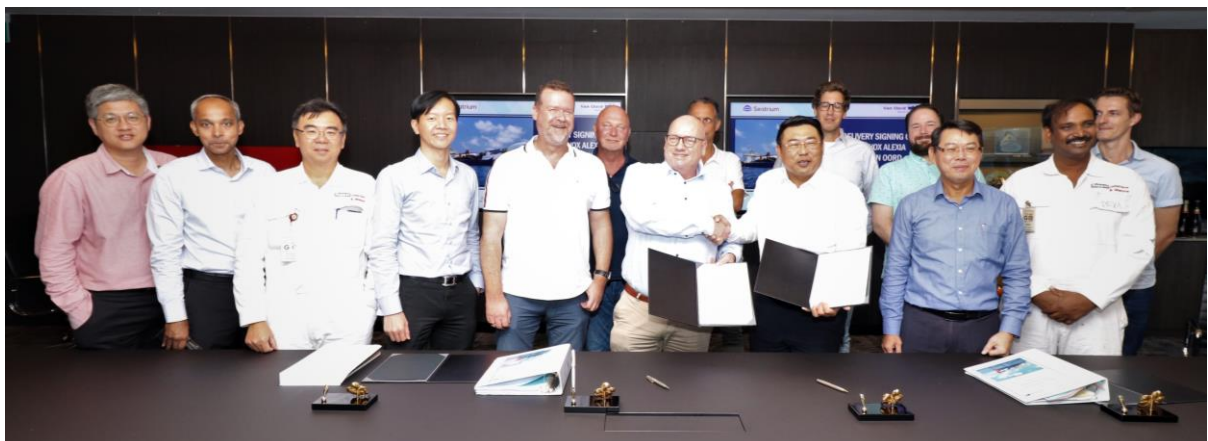
Mr Harold WM Linssen, Director of Ship Management Department at Van Oord, said: “We are very pleased to now add **Vox Alexia** to our fleet in addition to her sister vessels **Vox Ariane** and **Vox Apolonia**, and as such contribute even further to the energy transition and decarbonisation of our fleet. We also look forward to utilise and further develop the established synergy with Seatrium in upcoming projects.”

Mr Tan Leong Peng, Managing Director, Seatrium New Energy Limited, said: “We are pleased to deliver **Vox Alexia**, the final unit in the series of three highly automated dual-fuel newbuild dredgers, to Van Oord. Certified to BV Green Passport and Clean Ship notations, all three TSHDs run on cleaner LNG fuel and integrate greener features for enhanced efficiency, improved performance and environmentally sustainable operations. We are confident that **Vox Alexia** will contribute to Van Oord’s greener fleet operations and sustainability objectives when it joins sister vessels **Vox Ariane** and **Vox Apolonia** in service.”

“We have developed strong synergy with the Van Oord team through this series of vessels and we look forward to continuing this close partnership in the new and renewable energy space.”



Successful delivery of Vox Alexia, the third dual-fuel LNG-powered trailing suction hopper dredger built by Seatrium for Van Oord (Image: Seatrium, all Rights reserved)



Key management representatives from Van Oord and Seatrium commemorating the delivery of the third dual-fuel newbuild dredger Vox Alexia in May 2023 (Image: Seatrium, all Rights reserved)



Marking the successful partnership between Seatrium and Van Oord during Vox Alexia's sailaway event (Image: Seatrium, all Rights reserved)

Notes to Editors

For the high-resolution version of the above images, please [click here](#).

About Van Oord

Van Oord is a Dutch family-owned company with more than 150 years of experience as an international marine contractor. The focus is on dredging, infrastructure and offshore energy. Its head office is in Rotterdam. Van Oord employs 5,243 staff (fte), who worked in 2022 on 191 projects in 42 countries. The fleet consists of about 60 vessels and a large amount of special-purpose and auxiliary equipment. Marine ingenuity is characteristic of Van Oord. By using innovative, smart and sustainable solutions, it aims to contribute to a better world for future generations.

About Seatrium Limited

Seatrium Limited (formerly Sembcorp Marine Ltd and renamed as Seatrium Limited following its merger with Keppel Offshore & Marine Limited) provides innovative engineering solutions to the global offshore, marine and energy industries. Headquartered in Singapore, the Group has 60 years of track record in the design and construction of rigs, floaters, offshore platforms and specialised vessels, as well as in the repair, upgrading and conversion of different ship types.

The Group's key business segments Oil & Gas Newbuilds and Conversions; Renewables and New Energies; Specialised Shipbuilding; and Repairs & Upgrades provide a diverse suite of products and services, with a growing focus on sustainable solutions to advance the global energy transition and maritime decarbonisation.

As a premier global player offering offshore renewables, new energy, and cleaner offshore & marine solutions, Seatrium is committed to delivering high standards of safety, quality, and performance to its customers who include major energy companies, owners of floating production units, shipping companies and cruise and ferry operators.

Seatrium operates shipyards and other facilities in Singapore, Brazil, China, Indonesia, Japan, the Philippines, Norway, the United Kingdom and the United States.

Discover more at www.seatrium.com.

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