



COSCO SHIPPING Ports Limited
中遠海運港口有限公司

PRESS RELEASE

Pivot of the Yangtze River! First Port for Water-Rail Intermodal Transport Commenced Operation Today!

Hong Kong, 1 August 2021 – At 9:30 a.m. on 1 August, Ying Yong (应勇), Secretary of the Hubei Provincial Party Committee and Chairman of the Standing Committee of the Provincial People’s Congress, announced that the operation of Wuhan Yangluo International Port Water-Rail Intermodal Container Transport Project commenced.



On the day of the event, Wuhan Yangluo International Port Water-Rail Intermodal Container Transport Project (CSP Wuhan Terminal) made an brand new appearance and welcomed visitors from all directions. The new "COSCO SHIPPING Blue" cranes lined up and the 1140TEU ship "Han Hai No.2" docked at No. 3 berth in the terminal operation area, fully loaded with cargo. Driverless Container Vehicle (DCV) made a debut. The first batch of containers assembled in the terminal railway operation area. "Wuhan Port Station" is ready to go, waiting for the arrival of a historical moment together!



Through the onsite screens connecting ports and rails, after representatives of the project partners called ready, Secretary Ying Yong instructed that the operation of Wuhan Yangluo International Port Water-Rail Intermodal Container Transport Project commenced! COSCO SHIPPING's "Han Hai No.2" vessel made a long whistling sound. As No. 1 quay crane of CSP Wuhan Terminal kicked off loading and unloading operations, the giant steel arm accurately grabbed a container from the vessel, lifted it over the rail and placed it on a driverless container vehicle (DCV) precisely. Upon receiving the remote operation instructions from the command and dispatch center, DCV independently identified the surrounding environment through intelligent algorithms and automatically drove along the designated route. In the



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railway operation area of the terminal, a freight train with 50 containers headed to destination from the “Wuhan Port Station”, where water transportation and railway transportation were seamlessly connected. The whole process was completed in one go as the port became automated and intelligent from horizontal transport to vertical loading and unloading. The integrated layout of port and rail station, one-stop transportation, customs inspection and information sharing at the same yard developed by the project also demonstrated that CSP Wuhan Terminal has opened a new chapter of “water-rail intermodal transport” along the Yangtze River, which has built a modern logistics hub for the collection and distribution of containers, making it more determined and capable of transforming and upgrading the ports along the Yangtze River towards smart and green new ports.

The opening ceremony was hosted by Wuhan Municipal People's Government and China COSCO SHIPPING Corporation, and undertaken by Wuhan New Port Administration Committee, COSCO SHIPPING Ports Limited and Xinzhou District People's Government. Ying Yong (应勇), Secretary of the Hubei Provincial Party Committee and Chairman of the Standing Committee of the Provincial People's Congress, Wang Zhonglin (王忠林), Deputy Secretary of the Provincial Party Committee and Governor of Hubei Province, Li Lecheng (李乐成), Member of Standing Committee of the Provincial Party Committee and Executive Deputy Governor, Cao Guangjing (曹广晶), Deputy Governor, Zhao Haishan (赵海山), Deputy Governor, Xu Lirong (许立荣), Party Secretary and Chairman of China COSCO SHIPPING Corporation, Gu Jinshan (顾金山), Party Secretary and Chairman of Shanghai International Port (Group) Co., Ltd., and its Deputy Party Secretary and President Yan Jun (严俊), Cheng Yongwen (程用文), Deputy Secretary of Wuhan Municipal Party Committee and Mayor of Wuhan, Han Jun (韩骏), Assistant General Manager of China COSCO SHIPPING Corporation, Dong Weimin (董卫民), Secretary-General of the Hubei Provincial Party Committee, Wei Shengbin (蔚盛斌), Secretary-General of Hubei Provincial People's Government, Zhang Lin (张林), Secretary and Director of the Management Committee of Wuhan Xingang, as well as heads of Wuhan units under the Central Committee, relevant units directly under the province, Wuhan city circle, relevant units of Wuhan city, relevant port and shipping companies, including Yangtze River Water Conservancy Commission, Wuhan Customs, Yangtze River Shipping Administration, China Railway Wuhan Bureau Group, China Yangtze River Shipping Corporation, Dongfeng Motor Group, Yang Zhijian (杨志坚), Chairman and General Manager of COSCO SHIPPING Lines, Feng Boming (冯波鸣), the



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Chairman of the Board of COSCO SHIPPING Ports were present with other guests to witness the “birth” of the largest water-rail intermodal transport base of the Yangtze River.



Xu Lirong (许立荣), Party Secretary and Chairman of China COSCO SHIPPING Corporation, delivered a speech. In his speech, he congratulated on the opening of Wuhan Yangluo International Port Water-Rail Intermodal Container Transport Project and expressed sincere blessings to the operation of the project.

Xu Lirong said that the project is a major achievement of the deepening of strategic cooperation between Wuhan City, Hubei Province and COSCO SHIPPING Group. It is also a major move of the Group to deepen the "Yangtze River Strategy". The project is the pivot, linking the superior resources of the all-system routes, logistics, shipping finance, etc. We will increase the investment in port and shipping logistics resources in Hubei Province and Wuhan City, cooperate with Hubei Port Group, SIPG and other partners to help Wuhan build a central hub and regional shipping center, and contribute to accelerating to build our country as a strong power in maritime and shipping fields.



Gu Jinshan, Party Secretary and Chairman of Shanghai International Port (Group) Co., Ltd, expressed the warmest congratulations to the commencement of operation of Yangluo International Port Water-Rail Intermodal Container Transport Project on behalf of SIPG.

In his speech, Gu Jinshan said that, twenty years ago, Shanghai Port chose Wuhan as the first partner to promote the Yangtze River strategy. At present, the two parties have explored and formed many beneficial practices in capital cooperation, information sharing, route docking, and safe, green, smart and efficient port construction, which has shown as good demonstration for the golden waterway shipping effects. Yangluo International Port Water-Rail Intermodal Container Transport Project provides new opportunities for Wuhan Port, Shanghai Port and COSCO SHIPPING to jointly build a core hub port in the middle reaches of the Yangtze River. In the next step, the three parties will jointly promote the formation of a co-port effect between Shanghai and Wuhan, and explore to establish an empty box transfer center and feeder service center in Wuhan Port to further improve the efficiency of connection and realize the "Shanghai and Wuhan Co-port" as soon as possible.



Wang Zhonglin, Deputy Secretary of the Provincial Party Committee and Governor of Hubei Province, expressed warm congratulations on the opening of the project. He said that transportation is an important hub and basic support for a smooth dual cycle. Yangluo International Port Water-Rail Intermodal Container Transport Project connects the China-Europe Express train while connecting the river to the sea, enabling Wuhan, Hubei to create the "onshore" and "sea" silk roads. According to the construction idea of "water-rail connection, water-rail intermodal transportation, river-sea direct, river-side transportation, port and city integration" proposed by Secretary Ying Yong, the project is committed to building the largest water-rail intermodal transportat port in China. The construction of the shipping center in the middle reaches of the Yangtze River in Wuhan will strengthen the function of Wuhan as a port-type national logistics hub and become a gateway hub for Hubei and even the central and western regions to the world. The opening of the project to traffic is only a critical step. We must use this as a new starting point and continue to contribute to golden waterway, deeply integrate into the "Belt and Road Initiative" and "Yangtze River Economic Belt" development, and comprehensively build a "new coastal" under the new development pattern. It is hoped that Yangluo International Port will make every effort to improve port functions and accelerate to 1 million TEU throughput capacity, to better



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maximize the location and transportation advantages of Wuhan, Hubei. As the industry leaders, COSCO SHIPPING and SIPG will further cooperate with Wuhan Hubei to make full use of the resources of the Yangtze River, so as to promote Hubei to become a pivot and lead in the forefront, making a new chapter to make greater contributions.

Wuhan x COSCO SHIPPING: Speeding up the Shipping Center Construction in the Middle Reaches of Yangtze River

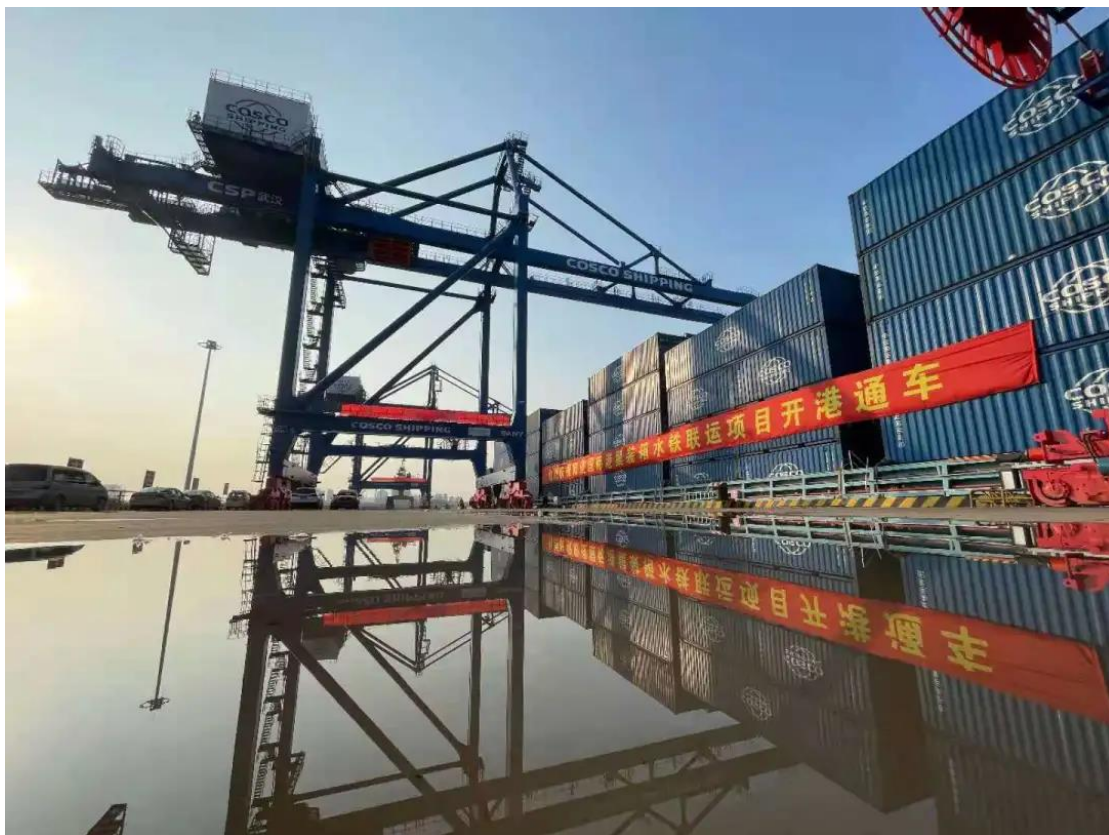
As the “Yangtze River Economic Belt” has become a national strategy, Wuhan’s advantage as a core city in the middle reaches of the Yangtze River is more prominent. It was clearly proposed in the Opinions of the State Council on Promoting High-quality Development in the Central Region in the New Era (《中共中央国务院关于新时代推动中部地区高质量发展的意见》) that the construction of Wuhan as a shipping center in the middle reaches of the Yangtze River should be strengthened, the water-rail intermodal transport function of ports along the Yangtze River should be developed, and transit facilities and collection and distribution networks should be optimized.

In July 2017, COSCO SHIPPING and Wuhan Municipal Government entered into a strategic cooperation framework agreement in respect of the cooperation on the construction of Yangluo Rail-Water Intermodal Transport Center.

Wuhan Yangluo International Port water-rail intermodal container transport project serves as a pivot of COSCO SHIPPING to help Wuhan build a shipping center in the middle reaches of the Yangtze River. With the support provided by route networks and alliance partners of COSCO SHIPPING, the completion of the project will attract more logistics to Wuhan, drive the flow of capital, talent and information, give full play to the advantages of integrated hub that possesses water, rail, highway and air transportation in Hubei province, accelerate the development of modern logistic industry which contains river-sea intermodal transport, water-rail intermodal transport, water-to-water direct transport, piggybacking along the river and integration of port and city, help Wuhan become an important hub port of domestic circulation and a strategic link of the domestic and international dual circulation to promote the high quality regional economic development.

CSP Wuhan Terminal: Here, more than Water-Rail Intermodal Transport is expected

Here, the railway joins the port
“Smart port” meets the water-rail intermodal transport
What kind of energy and vision will it unleash?



The Yangluo International Port water-rail intermodal container transport project is constructed and operated by CSP Wuhan Terminal. The total construction area of the project is about 852 mu, with a total investment of approximately RMB2.7 billion. It took only one year from the start of construction on 1 August last year to the launch of operation of the port on 1 August this year. The water depth of the terminal will maintain at 6.5 meters all year round and it is planned to be fully completed in 2022, and meet the target in three years- boasting a container throughput of 1 million TEU/year and water-rail intermodal transport capacity of 500,000 TEU/year, which is expected to significantly reduce the “last mile” logistics costs of multimodal transport. The project is planned to be built into a modern logistics collection and distribution center integrating the functions of terminal, container transport, logistics,

warehouse, storage yard, CFS, water-rail intermodal transport center, etc.



Here, it is not only water-rail intermodal transport. Here “smart port” technology is being integrated with the largest water-rail intermodal transportation hub on the Yangtze River. The gorgeous Driverless Container Vehicle (DCV) debuted on the site is co-developed by COSCO SHIPPING Ports and Dongfeng Commercial Vehicle based on 5G and Beidou navigation technology. It integrates five major systems including dispatching system and these systems constitute the automatic system of ports’ horizontal transportation. The positioning accuracy of DCV is $\leq 5\text{cm}$, and the accuracy of one-time positioning is $\geq 90\%$. After the DCVs are put into operation, it can achieve mixed operations with manned trucks.



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Composed of “pure electric chassis + sensors” that could drive automatically with no cockpit design, it is the DCV that connects the docks to the storage yard and the railway goods yard, making automatic and intelligent horizontal transportation and vertical loading and unloading at the port possible.

CSP Wuhan Terminal fully leveraged on COSCO SHIPPING’s achievements in the construction of smart port. Based on experience in the intelligent construction of CSP Abu Dhabi Terminal and the pilot application experience of first 5G full-scene smart port at Xiamen Oceangate Terminal, it realized the applications of technologies such as DCV, remote control of rail cranes at railway and storage yards, shore crane smart tallying and intelligent gate through the 5G network which covers the whole port area, building the first automatic water-rail intermodal terminal on the Yangtze River.



The more expected is that, the advantages of smart port service are combined with operating



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model advantages of port and rail station, one-stop transportation, customs inspection and information sharing at the same yard. World-leading resources of COSCO SHIPPING including shipping, terminals and logistics covering the whole chain, and the central location advantage of Wuhan will be relied on. Through amassing shipping, logistics, finance, railway, trade, e-commerce and other factors, and jointly taking good advantage of grid terminal resources under COSCO SHIPPING Ports, it will connect routes from river-sea direct transport, river-sea intermodal transport and piggybacking along the river, realize “transshipment in the upper reaches and full diversion in the lower reaches” based on Wuhan as the Center, and link with lines connecting to the global and domestic coastal ports in the Yangtze River, to facilitate customers to expand their business to the whole country, make products made in China go global, and let Wuhan closely connected with the world.

Adhering to the vision of “The Ports for ALL”, customers, partners and guests from various sectors were cordially invited to this opening ceremony to witness the grand launch of operation and make plans for the future. Ship owners and cargo owners also expressed their blessings to and expectation for CSP Wuhan Terminal as “Pivot of the Yangtze River & Port Connecting the World”.

About COSCO SHIPPING Ports (<https://ports.coscoshipping.com>)

COSCO SHIPPING Ports Limited (Stock Code: 1199.HK) is a leading ports operator in the world; its terminals portfolio covers the five main port regions in Mainland China, Southeast Asia, the Middle East, Europe, South America and the Mediterranean. As at 30 June 2021, COSCO SHIPPING Ports operated and managed 357 berths at 36 ports worldwide, of which 210 were for containers, with a combined annual handling capacity of 118 million TEU. COSCO SHIPPING Ports has adopted "The Ports for ALL" as its mission and is working towards building a global terminal network with controlling stake that offers linkage effects on costs, services and synergies, a synergistic platform that offers mutual benefits to all in the shipping industry, connecting global routes and becoming truly "the ports for all people".