

YM Continuity --- SHIP OF THE YEAR 2022 in Taiwan



Taiwan SNAME



"YM Continuity" is one of the series container ships, which are designed, built and delivered by CSBC. This ship, with lower fuel consumption features, will further reduce the owner's operating costs, comparing to older, or chartered-in vessels. This vessel is applied with energy saving technologies, including twisted rudder, asymmetry rudder bulb, high efficiency propeller, CSBC unique SSB (Sea Sword Bow) and smart-ship technologies.

This vessel has nominal capacity of 2,940 TEU and 353 plugs for reefer containers, with a length of 209.8 m, a width of 32.8 m and a summer draft of 11.2 m, and designed with a speed up to 21 knots.

By applying core design concept, SODO (Seaway Optimum Design and Operation), many advanced technologies are applied to this vessel. The SSB is less sensitive to trim and draft, also the speed loss, and deck wetness probability is much lower than conventional bulbous bow. Moreover, it can quite efficiently reduce wave added resistance at sea, providing superior energy saving performance in a wide range of operational profile. By this application, the owner could reduce the operating cost and become more competitive, especially in heavy weather.

A wide beam design, with sufficient stability, allows minimum water ballast carried on board, results in less propulsion power required and lower pollution emission, comparing to previous design generation.

Container on deck is Russian Stowed type design, which is more flexible for container arrangement, and also improves the loading/unloading operation. Nevertheless, ABS CSC&CLP-V notation is fully complied, enables to load more cargoes, according to different weather and trading routes.



The main engine is equipped with SOx scrubber, meets IMO sulphur emissions requirements. NOx emissions also meets Tier II requirements. Comparing with previous generation, it can effectively cut NOx emission about 20% off.

AMP(Alternate Marine Power) system is portable type, which enables the vessels to shut down generator engines and reduce emissions in ports.

This ship is with comprehensive automation technologies in the maritime for navigation and data sharing. It can certainly improve operational efficiency, by smart devices and conceptions. ABS Class smart-ship notations SMART (INF, SHM) and CR Class notations Smartship(H, Et, I) are assigned, represents hull structural is well monitored, also provide decision-making support on operation and management.

PRINCIPAL PARTICULARS

Length, oa	209.80m	Gross tonnage	abt. 32720
Length, bp	206.2m	Endurance	14,000 NM
Breadth, moulded	32.80m	Design speed	21.00 kts
Depth, moulded	16.80m	Classification	ABS/CR
Draught, design	9.50m	Flag	LIBERIA
Deadweight, scantling abt.	37,435MT		

Shipbuilder : CSBC Corporation, Taiwan (Kaohsiung shipyard)

