

CMA CGM

Chief Engineer Wang Yutao



Please introduce yourself.

Hello, I'm Wang Yutao, currently serving as Chief Engineer at CMA CGM. I entered the shipping industry in 2007 through Singhai, joining other eight engineering cadets sponsored by APL to study at Singapore Polytechnic. After graduating in 2010, I worked at APL until its acquisition by CMA CGM in 2016. I continued with CMA CGM and was promoted to Chief Engineer in 2024.

As one of China's first senior marine engineers operating LNG dual-fuel main engines, what do you think is the core competency shift required for engineers transitioning from conventional to dual-fuel systems?

The critical transition lies in evolving from equipment operators and maintainers to integrated decision-makers for complex systems. With conventional engines, ensuring main engine and fuel system functionality typically guaranteed safety. But on dual-fuel vessels (especially LNG-powered), monitoring the main engine and gas supply is insufficient. We must track LNG tank pressure, forecast sea conditions days ahead, and ensure auxiliary systems like nitrogen units and gas treatment plants function well. More crucially, engineers must understand the impacts of these subsystems failures and how to resolve issues safely and efficiently. To join dual-fuel fleets, safety must be paramount: strictly follow protocols, memorize emergency procedures, and maintain composure under pressure. Deep knowledge of auxiliary systems' mechanics and maintenance is also essential for preemptive risk mitigation.

As carbon neutrality drives green shipping, new technologies are emerging rapidly. Staying competitive requires continuous learning and adding value to your skillset. I see the Chief Engineer's role evolving from a technical manager to a versatile leader.



If you had to define Singhai / Singhai-minded people with three keywords, what would they be? How have they shaped your career?

I'd choose dedication, pragmatism, and family.

Dedication speaks for itself. Singhai's two-decade journey—its growth, struggle, sweat, and triumph—is something every Singhai member has lived through.

Pragmatism means focusing on solutions, not blame. Once, when a vessel's schedule moved up unexpectedly and my medical exam wasn't complete, my supervisor coordinated with a hospital for an urgent checkup over the weekend while rebooking my flight, ensuring I boarded on time.

As for family, we at Singhai are not just colleagues—we're a close-knit unit supporting each other. Even our WeChat groups are named "families": "Seafarer Family" for technical support and "Seafarer Wives' Family" sharing encouragement during long voyages.

For Singhai's 20th anniversary, what would you say to your younger self? And what are your wishes for Singhai?

To my younger self:

Life is climbing a mountain—each altitude unveils new views. When weary, pause and breathe. The summit awaits.

To Singhai:

From saplings to forests, from streams to oceans. On Singhai's 20th anniversary, I wish boundless growth and soaring horizons. May every Singhai member ride the momentum, scale new heights, and keep striving!