

Certificate No.

Registration No.

# CERTIFICATE OF COMPLETION

*(NMC Course no. 13)*

*This certificate is issued to*

*for having successfully completed the training in*

## ***General Cargo Ship Handling Training***

*Summary of Contents:*

- *Training Conducted on Class A Bridge Simulator*
- *Ship Handling Training on JMS Full Mission Simulator*
- *Briefing on Case Study*
- *Discussion on Controllable and Uncontrollable Ship Handling Force*
- *Discussion on Pressure/ Suction Effect on Ship's Maneuvering During Berthing Operation & in Shallow Water*
- *Pivot Point*
- *Rudder and Bow Thruster Effectiveness*
- *Berthing With Tugs*
- *Berthing in Wind*
- *Berthing in Current*
- *Bollard Pull to Compensate for Wind & Current*
- *Simulator exercise including 'Singapore Anchoring and Departure' in loaded condition*

**CAPT. ELISEO Z. CLEMENTE, JR.**

General Manager



NYK Maritime College