

Founded in 1972

Now World's Largest Independent Feeder Carrier Near-term: 2035

20% CO₂e emissions reduction by 2035* Medium-term: 2040

50% CO_{2e} emissions reduction by 2040*

Long-term: 2050 Net Zero CO_{2e} emissions by 2050*

Decarbonisation Steps

14 Dual-Fuel Methanol Vessel
 Fitted with German-designed MAN 5S50ME Dual-fuel engines capable of operating on conventional fuel or green methanol.

 Firm Contract for the supply of methanol Fuel



-- 03 dual-fuel vessels delivered this year.

 First vessel, Eco Maestro delivered in May' 2024 is operating on methanol in Europe.

-- 65% less CO2e emissions in terms of main engine propulsion





METHANOL BUNKER & CARGO OPERATION

SIMOPS

Location

SINGAPORE - TUAS Port

Key Partners

MPA, PSA, Bunker Supplier, Trainers

Process: Approval & Schedule

Preparations:

- Compatibility Study between vessels.
- Safety consideration & Risk assessment.
- Workshop to align the plan with all stakeholders
- Pre-ops meeting for final run-through.

Risk assessment & Safety consideration

- -PPE Matrix developed for SIMOPS
 - -Portable Thermal Cameras provided onboard.
 - -Controlled Zones identified for operation.
 - -Joint operation plan developed for SIMOPS
 - -MOPO: Matrix of permitted operation.
 - -Live monitoring from Bridge & control room.

Accomplishment:

SIMOPS completed successfully on 27th May' 2024, however, industrywide engagement is required with mindset of learning & knowledge sharing for continuous improvement.









| 0 | Ear Protection | | Safety Gloves | | Gloves Chemical Resistance |
|---|----------------|----|---------------------------------|---|----------------------------------|
| | Boiler Suit | 77 | Eye Protection Chemical | | Safety Boot Rainwear |
| | Safety Helmet | | Face Shield Visor | | Methanol Gas Meter |
| | Eye Protection | | Apron Chemical Resistance | 1 | Boiler Suit Rainwear |



