

The background of the slide is a photograph of a ship's deck. A dark flag with a white circular logo is flying from a mast. To the right, a white satellite dome is visible. The sky is a clear, pale blue, and the sea is a darker blue. A diagonal yellow line separates the top half of the image from a dark blue bottom section.

OVERVIEW

# Anglo-Eastern Univan Group

 ANGLO-EASTERN

# Overview

- We strive to be the ship management provider of choice for the shipping industry
- Headquartered in Hong Kong, the group comprises a **network of over 27 offices** spanning Asia, Europe and the Americas
- Our capabilities encompass **all components of ship management**, including technical management, training, and crew management across nearly **all ship types**
- Our seafarers are hired and trained at our **fully owned recruiting and training centres**
- We also provide **consultancy and project management services** to clients planning newbuilding's, conversions and other special projects

# Global coverage, local expertise



## Ship Management

- Hong Kong (HQ)
- Singapore
- Hamburg
- Antwerp
- Goes
- London
- Mumbai
- Glasgow
- Montreal
- Miami



## Agency

- Singapore



## Client Liaison

- Tokyo



## Technical & Marine Support

- Houston
- Port Hedland
- Rio de Janeiro
- Novorossiysk
- Brisbane



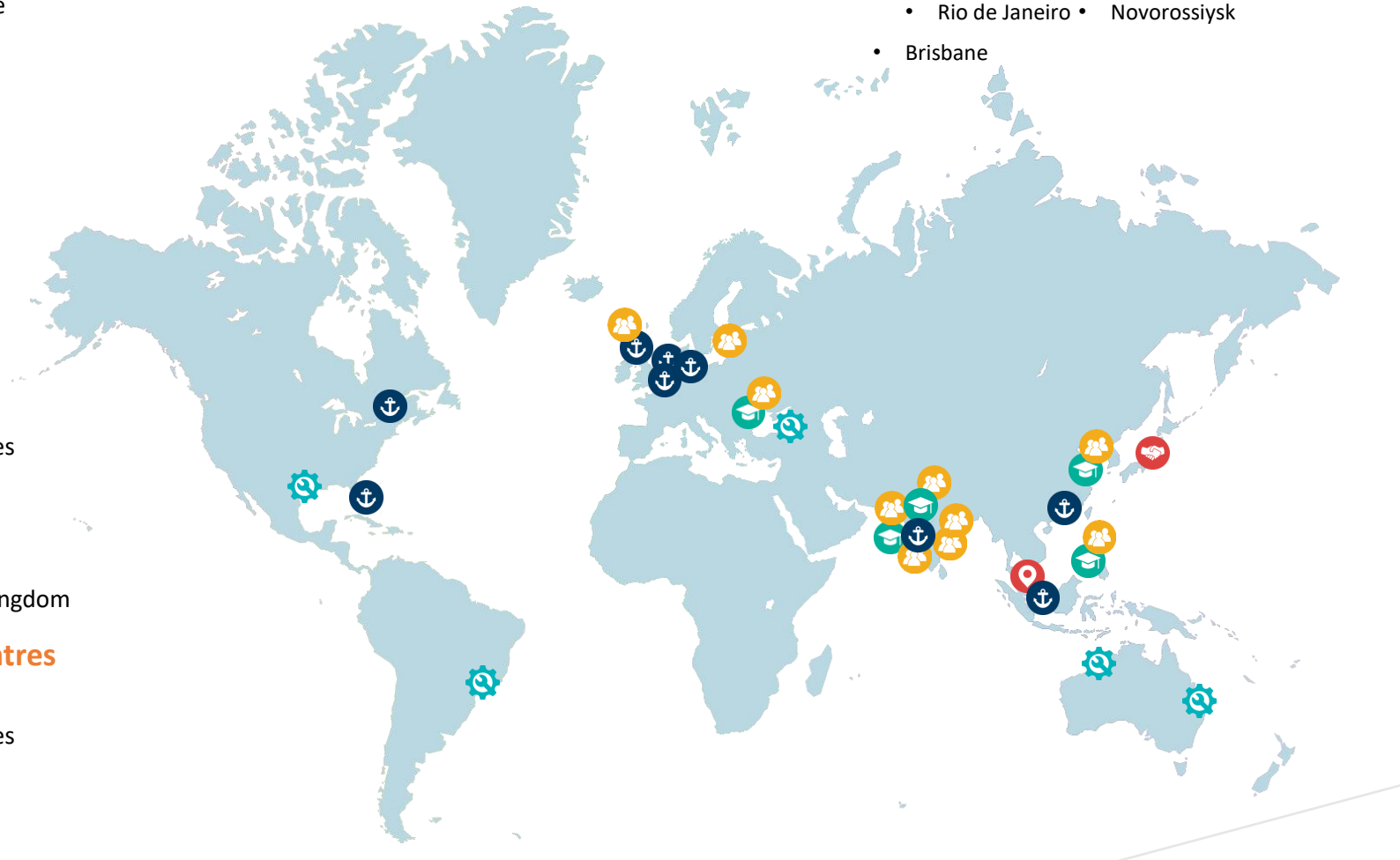
## Crewing

- India
- Philippines
- Ukraine
- China
- Latvia
- United Kingdom



## Training Centres

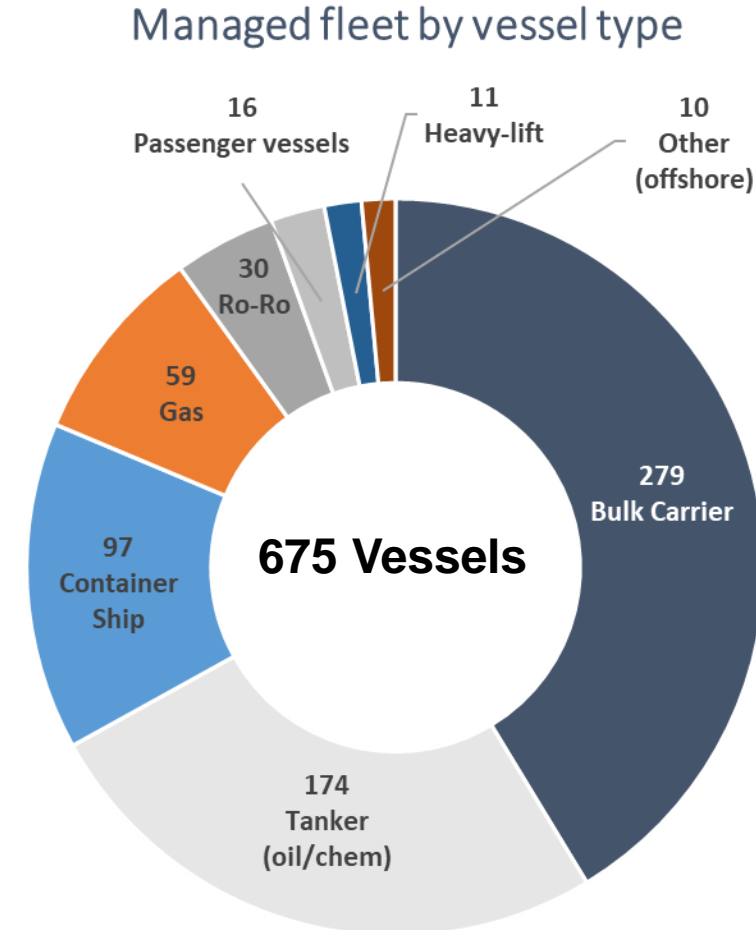
- India
- Philippines
- Ukraine
- China



# Our fleet

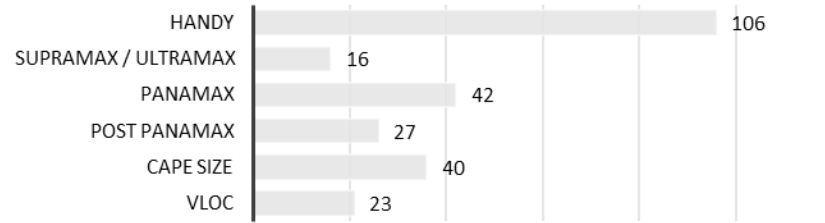
We manage a diverse fleet spanning across ship types

- We operate in bespoke self-sufficient units across geographies, using a standardised platform, in order to achieve maximum advantage of scale and knowledge sharing at a group level to benefit owners by applying our vast experience and expertise on :
  - *Procurement*
  - *Training + Talent Pool*
  - *Operations + Vetting Support*
  - *State-of-the-art IT systems*
  - *Technical centres of excellence (LNG Dual Fuel, Scrubbers, performance enhancement)*

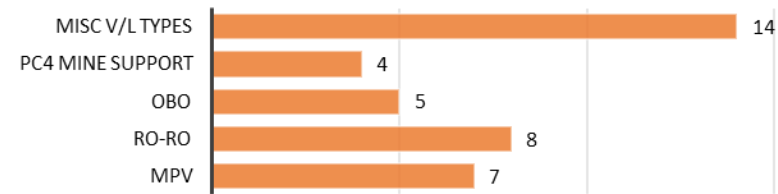


# Newbuilding Experience

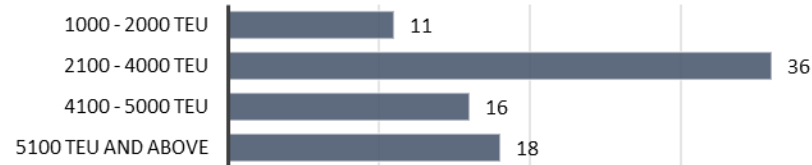
**Bulk Carriers - 254**



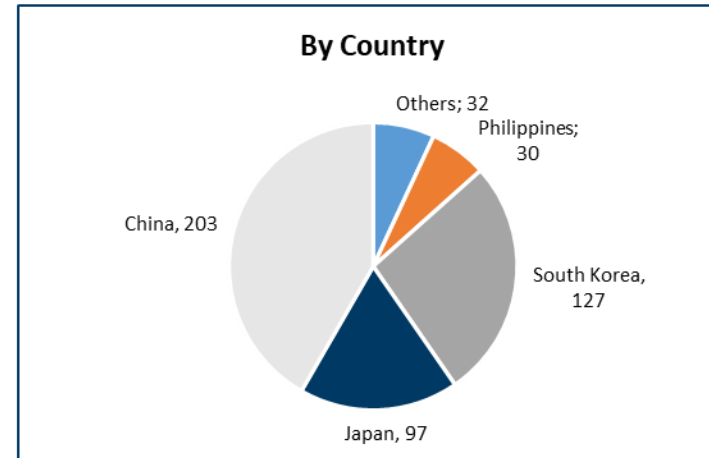
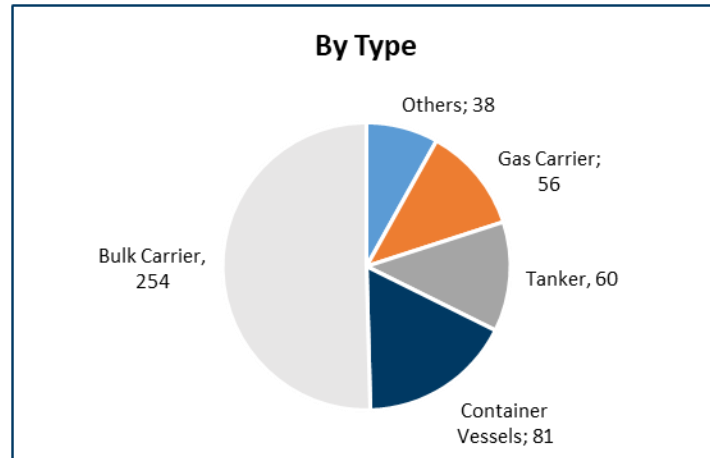
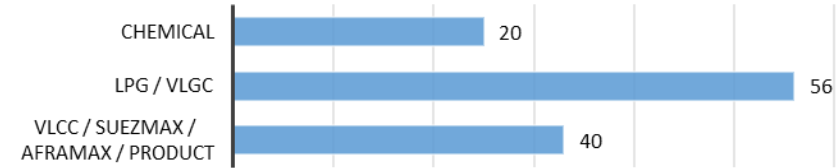
**Other vessel types - 38**



**Container Vessels - 81**



**Tanker and Gas Carriers - 116**



# Our partners

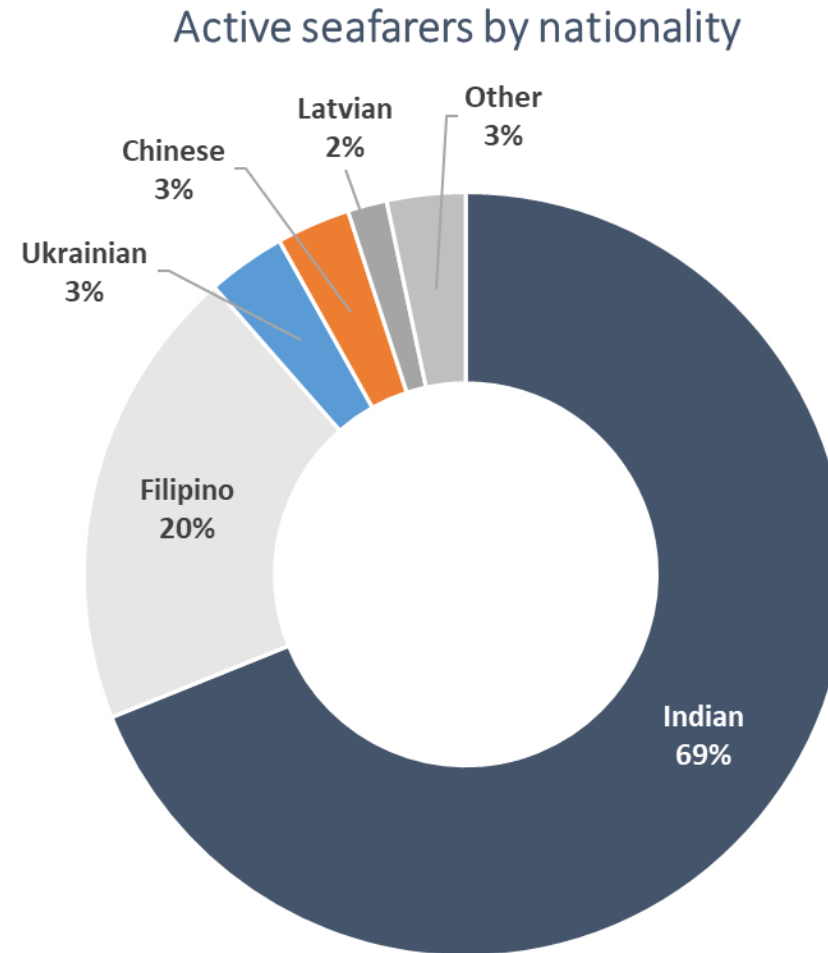
- Our clients include some of the most highly respected names in global shipping



# Our people

Our people are the most important driver of our success

- Anglo-Eastern is supported by:
  - More than 32,000 active seafarers
  - Over 2,000 shore employees
- We provide training to all seafarers through our **fully owned centres** in India, the Philippines, China and Ukraine
- Cadet recruitment and training are carried out at the Anglo-Eastern Maritime Academy (AEMA), our industry-leading maritime training institute in India



# Belgian Branch- Anglo Eastern Antwerp NV

- **Ships under management – Total 39 ships**
- **34 Bulkers + 4 Ro Ros + 1 Passenger boat (Dual fuel)**

- **Clients:**

- **CMB Group (Bocimar, CMB NV, CMB Tech)**

- **Conti-Lines NV**

- **EBE NV**

- **CLDN Group (Cobelfret NV, Cobelfret Ferries)**

- **Triton Navigations-**  **CONTI-LINES**

- **Hadley Shipping- UI** 

- **Liberty Maritime Corp. USA** 

- 

- 

- 

- 

- 

- 

- 







DIGITALISATION

DECARBONIZATION

OUR PEOPLE & COMMUNITIES

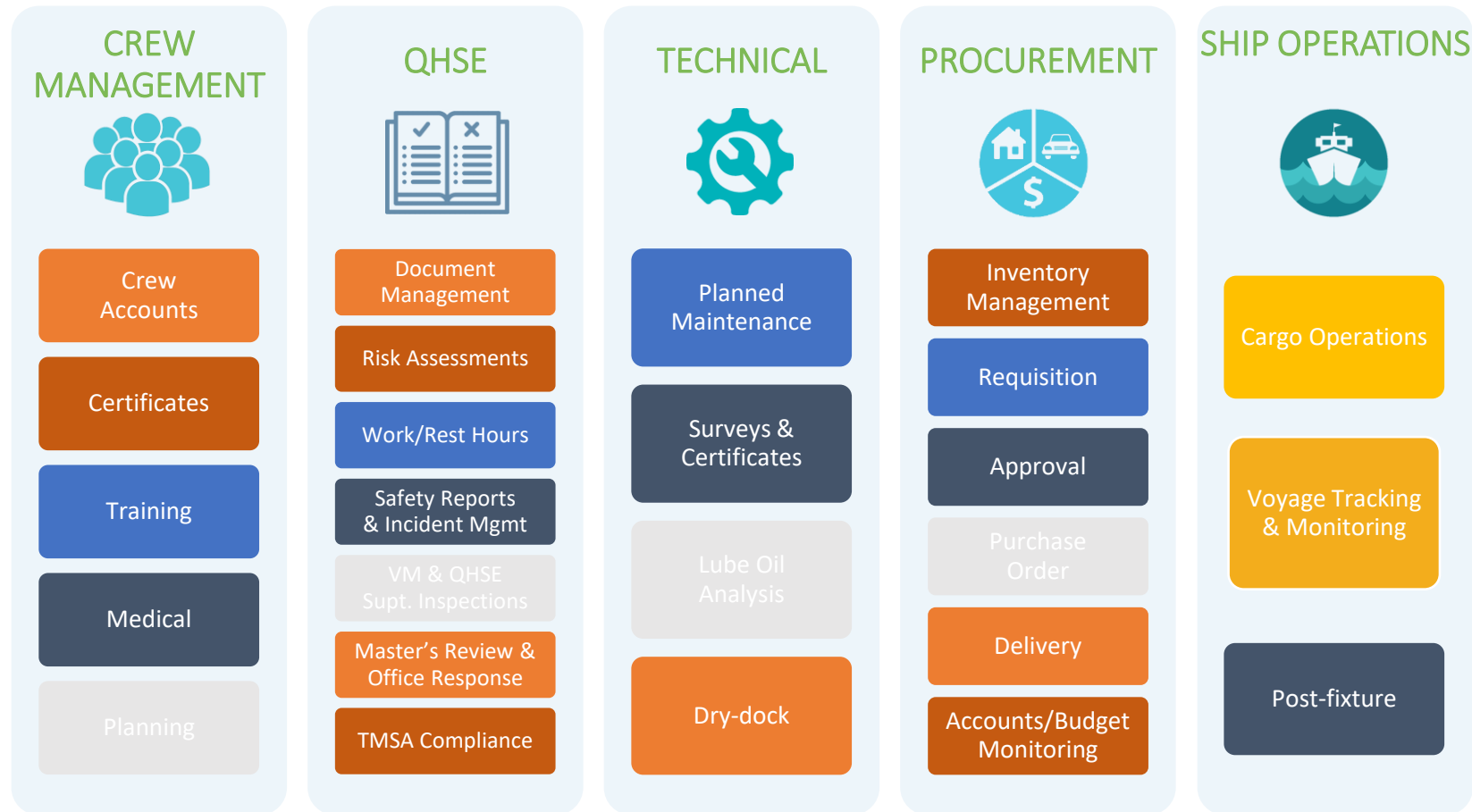
Our Focus Areas



# Digitalisation

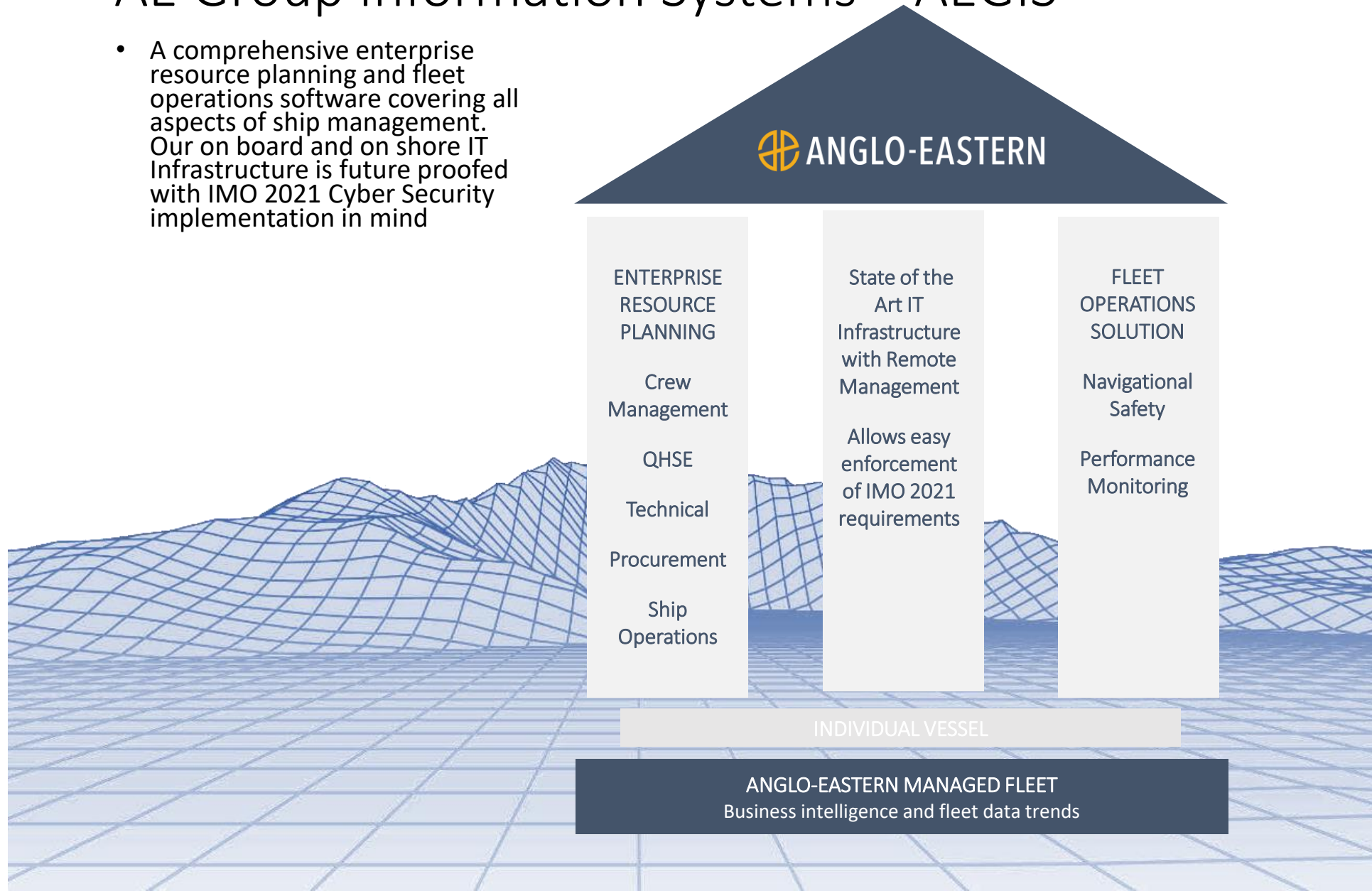
# Enterprise resource planning

ERP solution which comprises of a series of integrated cloud-based modules



# AE Group Information Systems – AEGIS

- A comprehensive enterprise resource planning and fleet operations software covering all aspects of ship management. Our on board and on shore IT Infrastructure is future proofed with IMO 2021 Cyber Security implementation in mind

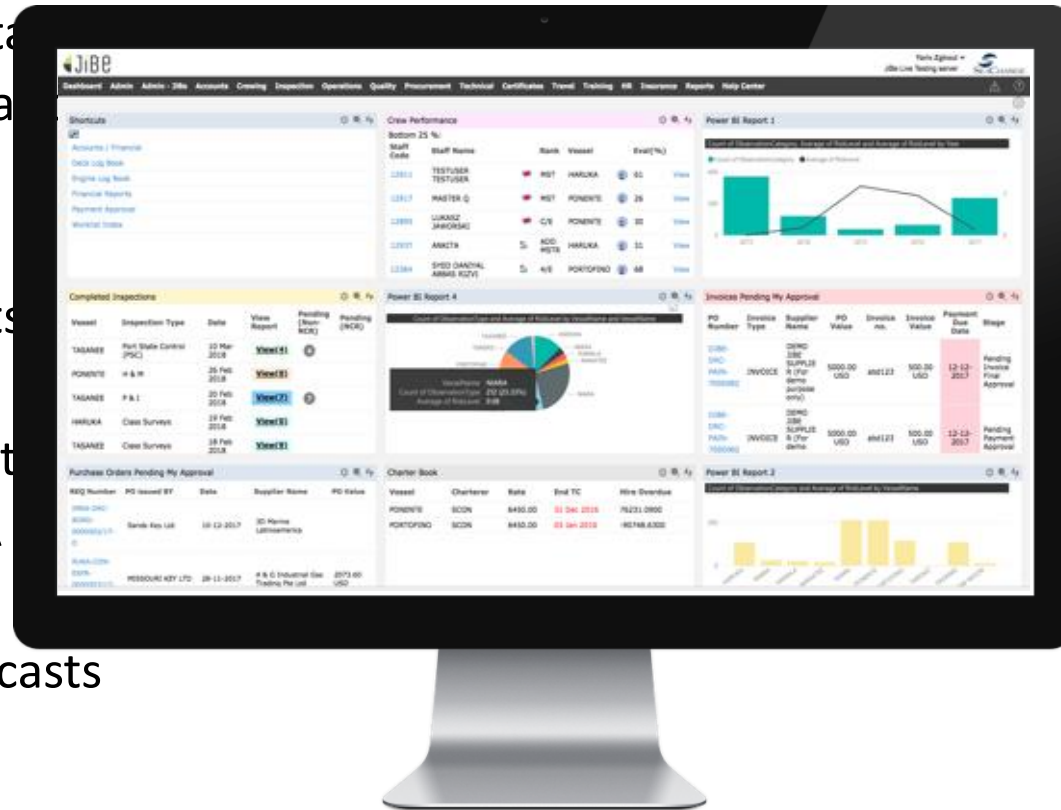


# Online access anytime, anywhere

- System offers 24/7 access to a single source of real-time data as a value-added feature whilst ensuring data accuracy and consistency

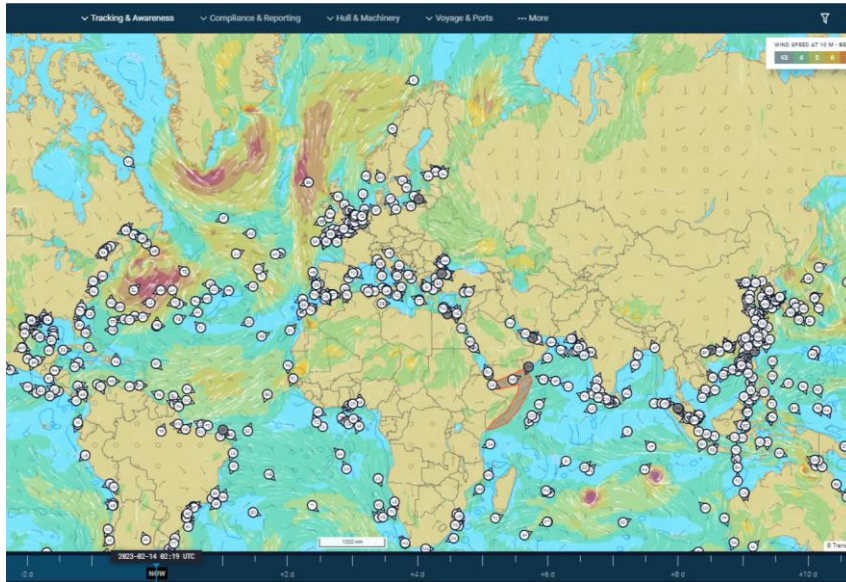
Examples of available data

- Vessel information
- Schedules
- Logbooks
- Voyage reports
- Actual speed
- Fuel consumption
- Vetting/TMSA
- Budget
- Cashflow forecasts

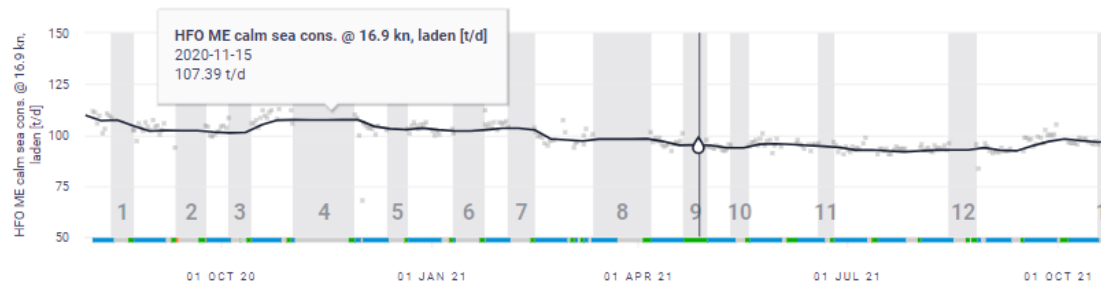


# Connected Ships

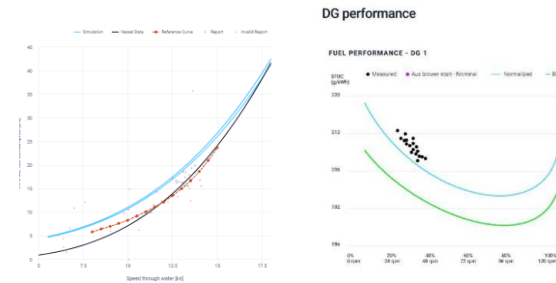
## Stage 1 : Tracking & Awareness



## Stage 2 : Fuel Efficiency

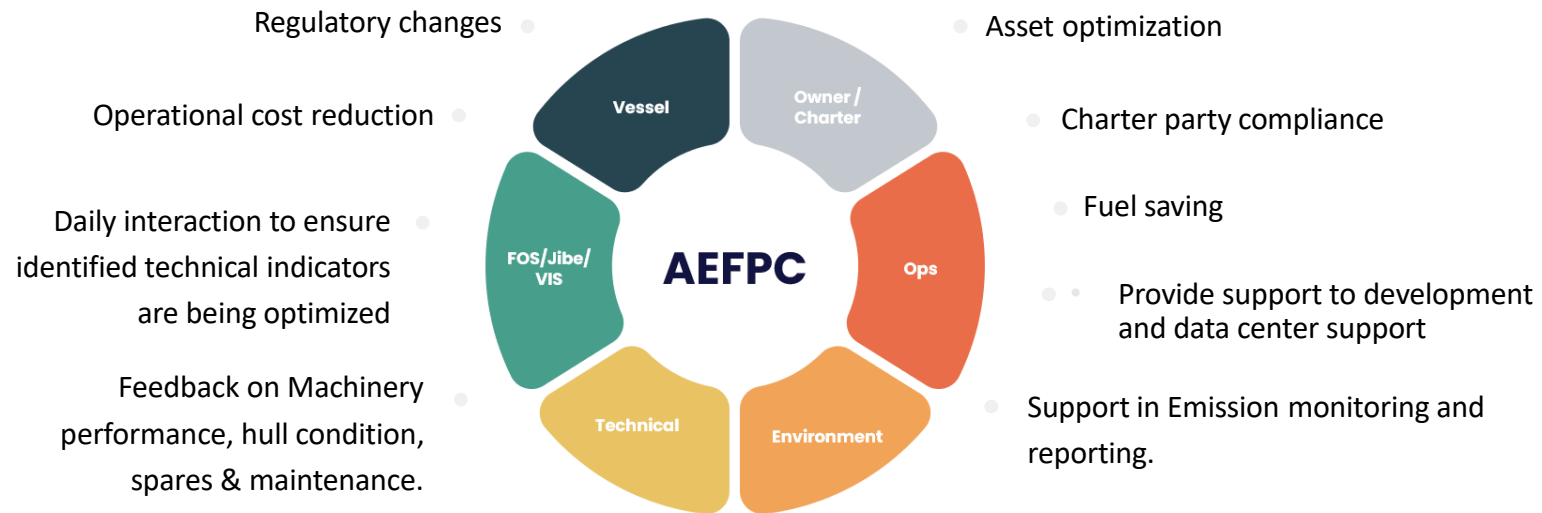


## Stage 3 : Live Machinery Data & Analytics





## ANGLO-EASTERN FLEET PERFORMANCE CENTER (AEFPC)



# Fleet Operations Solution







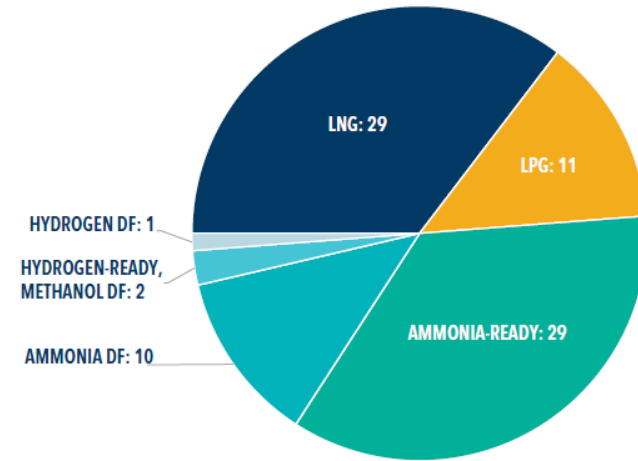
# Decarbonisation- Alternate Fuels

# Our Dual-Fuel Expertise

Anglo-Eastern has built up significant experience in the design, construction and operation of dual-fuel vessels. Our white paper on above topic can be found [here](#).

EXISTING DUAL-FUEL VESSELS UNDER ANGLO-EASTERN TECHNICAL MANAGEMENT

YARD	TYPE	CAPACITY	ENGINE MODEL	DF TYPE	BUILT	QTY
Hyundai Mipo	MGC*	38,000 CBM	MAN B&W 6G50ME-C9.6-LGIP-HPSCR	LPG	Jul 2021	1
Hyundai Mipo	Ro-Ro	5,900 LM	MAN B&W 7S50ME-C9.5-GI-EGB	LNG	2021	2
KHI Sakaide	VLGC	84,000 CBM	MAN B&W 7S60ME-C10.5-LGIP-EGR	LPG	H1 2022	2
Waigaoqiao	LR2**	109,999 DWT	WinGD W6X62 DF	LNG	H2 2022	4



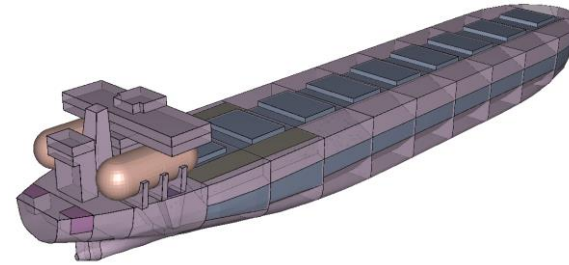
Presently, we are actively engaged with around 82 vessels across all ship types – either at sea or as newbuilding projects – that intend to use LPG, LNG, ammonia or hydrogen



# Our work on future fuel designs

## Medium-term: Ammonia & Hydrogen fuel designs

- Ammonia-ready bulk carriers (designed by Anglo-Eastern) for zero-cargo loss:
  - LR approval in principle (IMO Type A tanks),
  - ABS approval in principle (IMO Type C tanks)
- DNV approval in principle for a 2,000KW ABC H<sub>2</sub> Generator retrofit: 1,900 TEU vessel.
- Concept design, plan approval and site supervision of a hydrogen-powered tug



## Long-term

- Anglo-Eastern has partnered with CORE-POWER a Marine – Molten Salt Reactor (m-MSR) Development Company, as we believe that Nuclear Energy is the key to a truly zero emission concept. We are working with “CORE” to develop a practical ship design based on m-MSR as the energy source.

# Working Group – Alternative Fuel



- Members for SGMF - The Society for Gas as a Marine Fuel
- Technical committee for writing competency standards for ammonia



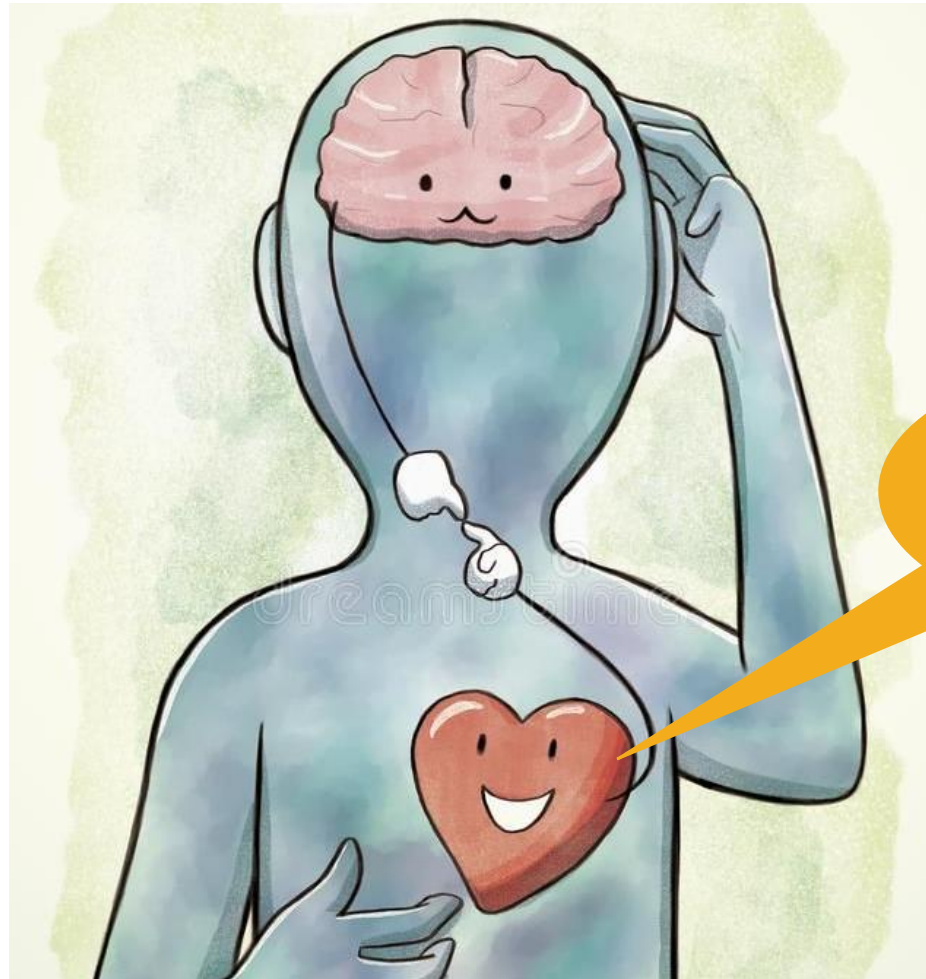
**Standard  
Club**

- Standard Club Committee on alternate fuels



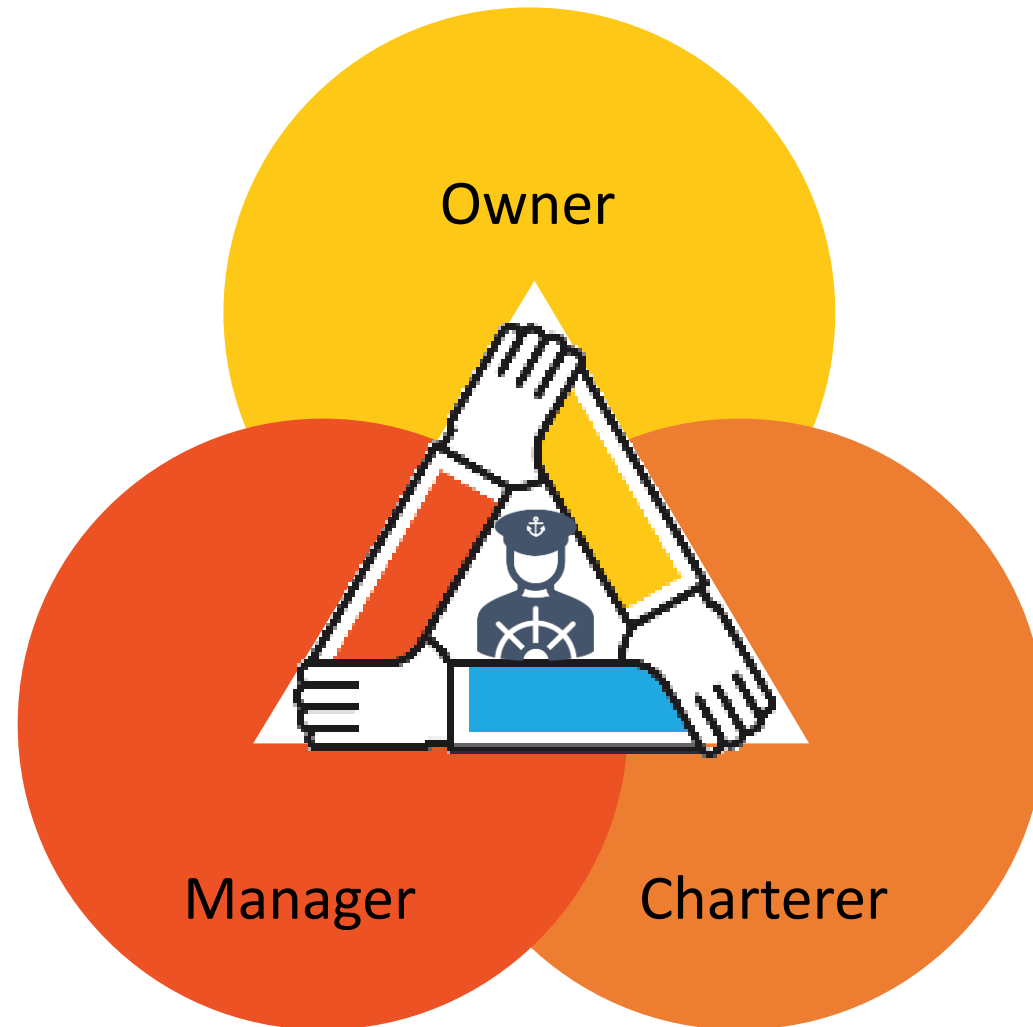
# Finally... It is All About People

Manage the human beings well and you can manage safety!



**Human  
Element**

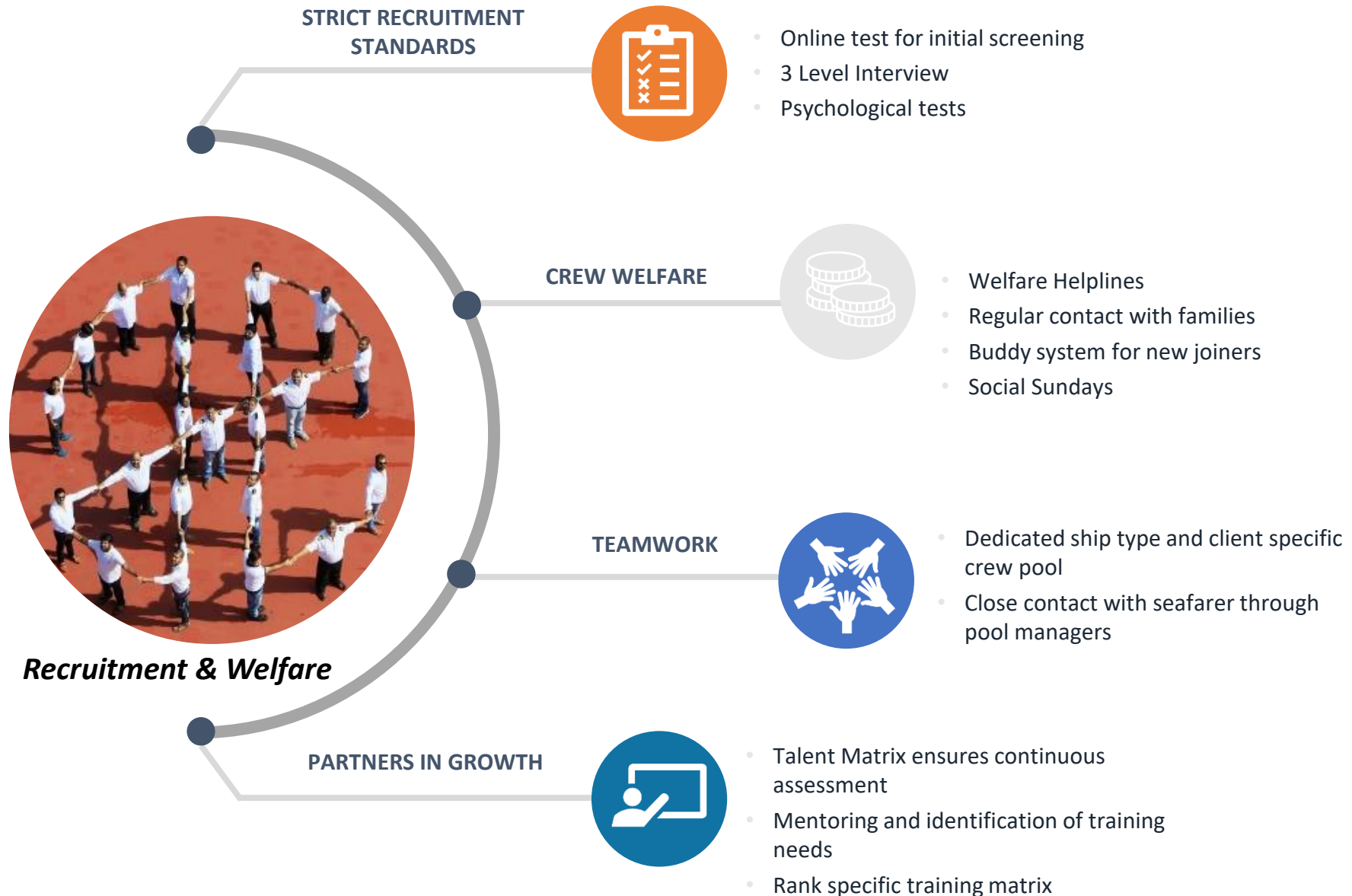
# Seafarers are the crucial link on whom all are dependent





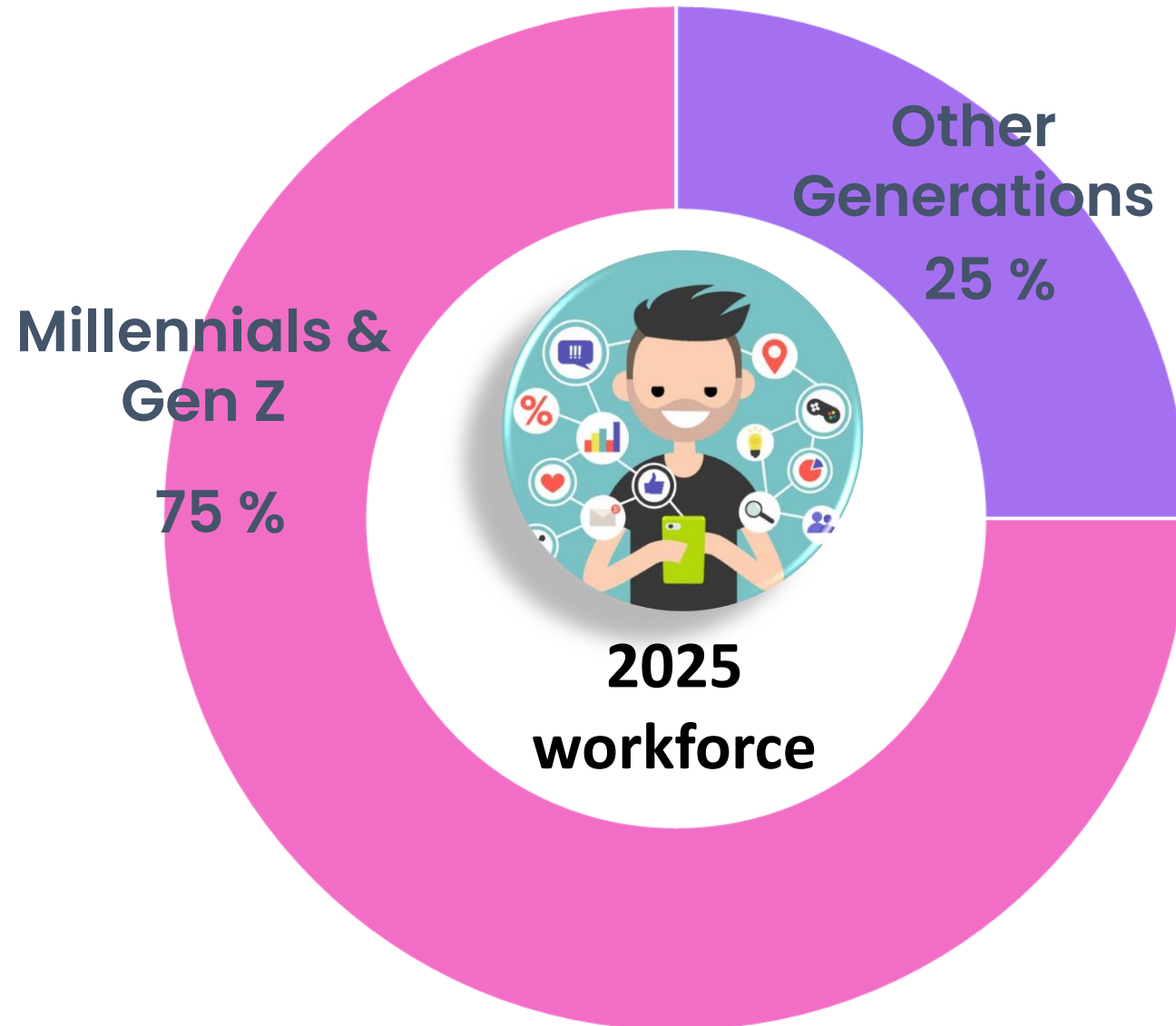
# Talent Development

# Human performance management





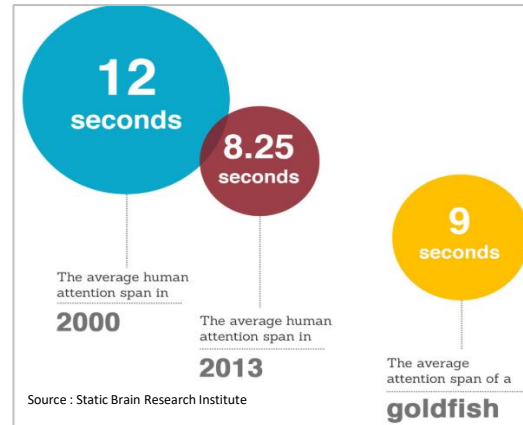
# Understand Millennials and Gen Z



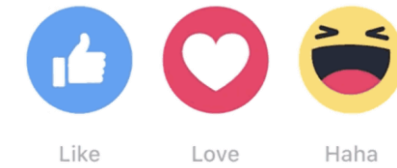
# Qualities of Millennials



👍 Love Technology



🕒 Short Span of Attention



😊 Instant Feedback



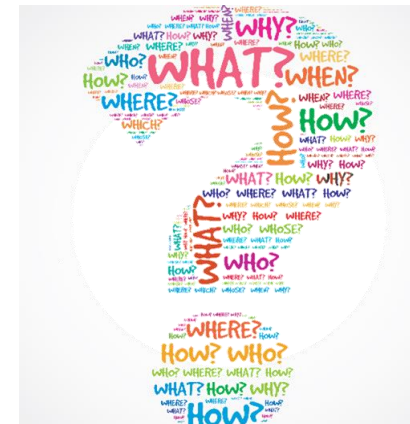
🙄 Do not like to "Obey"



🎮 Love Video Games

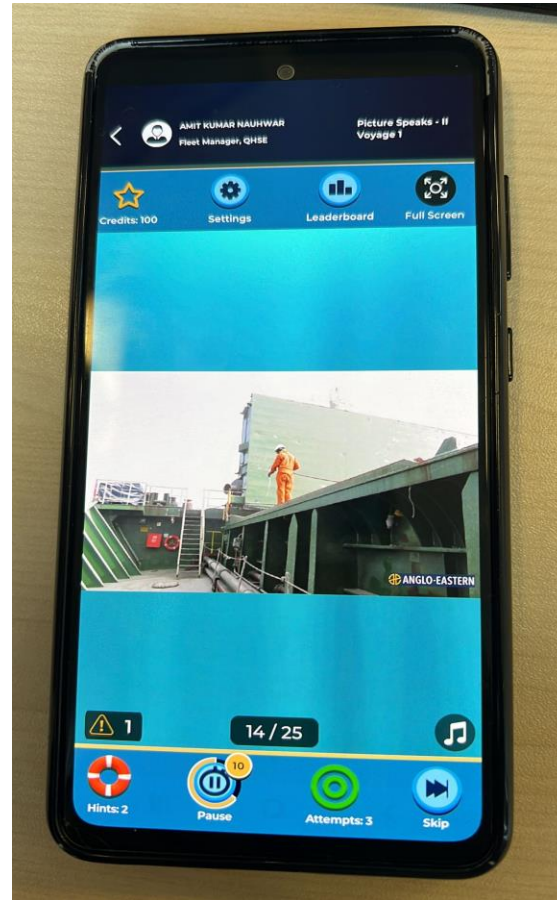
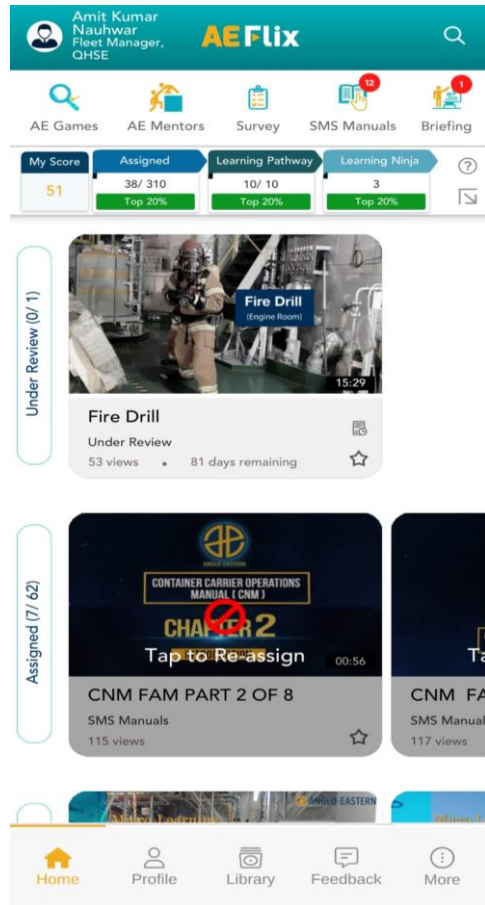


📱 Use Blogs / Social Media

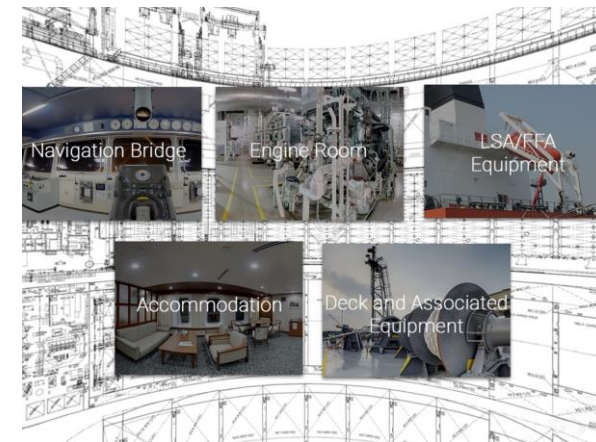


Want to know "Why?", "Before", "How" to do anything

# Training – Digital



**GAMING**



**VIRTUAL REALITY**

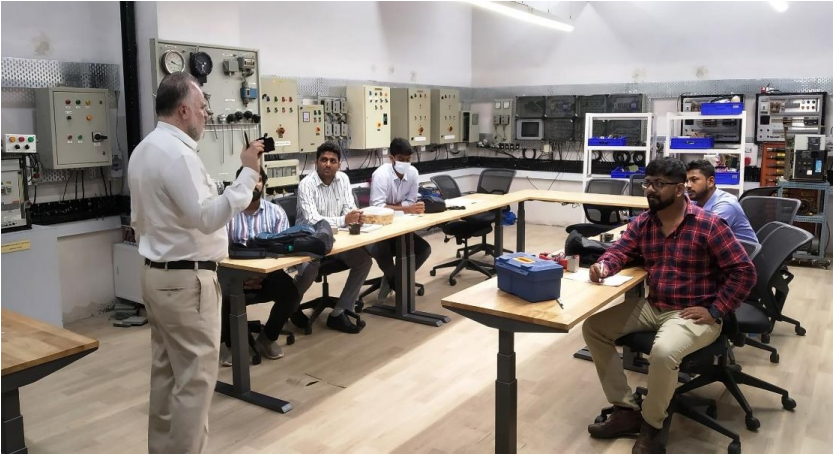
# Creating a Learning Organization

The screenshot displays the 'Anglo-Eastern Training Digital Learning Management System' interface. At the top, a navigation bar includes buttons for 'Under Review', 'Assigned (48/ 48)', 'Learning Pathway (24/ 24)', 'Learning Ninja (56/ 56)', 'New Uploads', 'Favourites', 'Trending', 'Briefing', and 'SMS Manuals'. The 'Briefing' button is highlighted in green. Below this, a user profile section shows 'Pradeep Kumar Chaw...' with a 'My Score' of 528 and progress indicators for 'Assigned' (240/240), 'Learning Pathway' (120/120), and 'Learning Ninja' (168/168). A search bar and 'Reassign/Unassign' button are also present.

The main content area features a grid of learning modules, each with a video thumbnail, title, duration, and completion status:

- Introduction to SIRE 2.0** (SIRE, 04:08, 95 Views, Completed, well done)
- Module 2- Ship Officer Modu...** (SIRE, 01:17, 73 Views, Completed, well done)
- 1\_Importance of Safe Moorin...** (Moorings, 01:34, 100 Views, Completed, well done)
- Help Others Rise and Build ...** (Soft Skills, 01:52, 864 Views, Completed, well done)
- Home Sickness** (Soft Skills, 01:57, 1486 Views, Completed, well done)
- 2\_Mooring Plan** (Moorings, 02:04, 90 Views, Completed, well done)
- 5\_How to maintain mooring L...** (Moorings, 02:21, 89 Views, Completed, well done)
- Parametric Rolling** (Navigation, 02:29, 133 Views, Completed, well done)

# Automation Labs



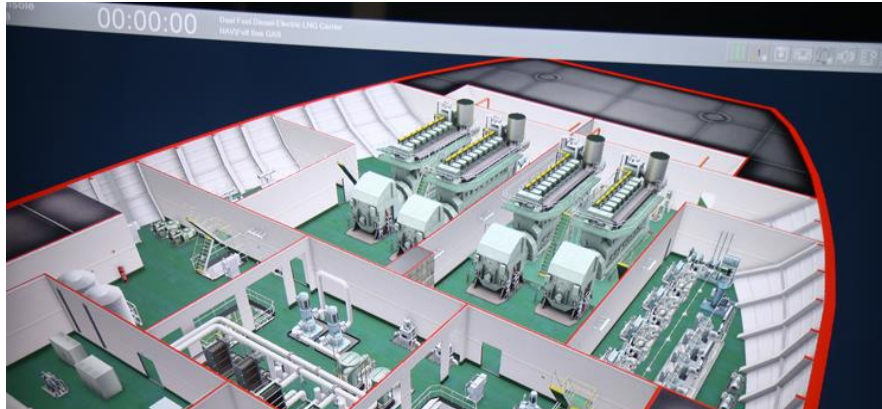
**HIGH VOLTAGE LAB**



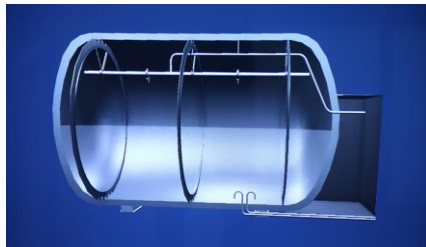
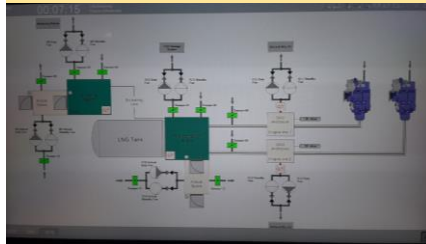
**INSTRUMENTATION LAB**



# New Investments in Training



**Wärtsilä ERS 5000 Engine Room Simulator Dual Fuel Diesel-Electric (MAN L51/60DF) LNG Carrier**



**Wärtsilä LNG Bunkering simulator  
LCHS 5000 Tech Sim platform**

## LEARNING PROGRAMME CERTIFICATE

**DNV·GL**

Certificate No:  
**n1467292-ent**  
DNV GL Id No:  
**117850**  
Date of issue:  
**2020-06-11**

### Particulars of Company

Company Name: Anglo-Eastern Maritime Training Centre  
Company Address: Plot No 50, Karmayog Building,  
Near Sona Udyog, Parsi Panchayat Road,  
Andheri (East),  
MUMBAI 400 069  
INDIA

### Branch offices, if applicable

Name	Address
-	-

### This is to certify:

that the learning programme / training course

### SIGTTO COMPLIANT SPECIALIZED TRAINING FOR LNG TANKER CARGO OPERATIONS

has been reviewed by DNV GL and that DNV GL is satisfied that the learning programme is in compliance with DNVGL-ST-0008 - Learning Programmes and the following content standard(s):

- The Society of International Gas Tanker & Terminal Operators Ltd. (SIGTTO) - LNG Shipping Suggested Competency Standards.
- IMO Model Course 1.05 - Advanced Training for Liquefied Gas Tanker Cargo Operations.
- STCW Regulation V/1-2, Section A-V/1-2-1, A-V/1-2-2

Provided that the requirements for retention of the certificate will be complied with and the certificate will not be withdrawn, this certificate is valid until: **2025-06-11**.

Issued at **Mumbai, India** on **2020-06-11**

for **DNV GL**



This document is signed electronically in accordance with IMO  
FAL.5/Circ.39/Rev.2. Validation and authentication can be  
obtained from [trust.dnvgl.com](http://trust.dnvgl.com) by using the Unique Tracking  
Number (UTN): **n1467292-ent and ID: 117850**

**Basu, Partha**  
Auditor

# WINGD Dual Fuel Gas Engine Simulator



**WIN GD**  
Winterthur Gas & Diesel



WIN GD- Dual Fuel Engine (Wartsila),  
Fuel: LNG / LPG

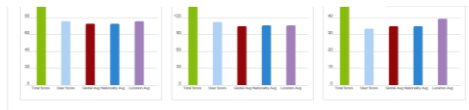
UNIC-Controlled X-DF Engine

WICE-Controlled X-DF Engine

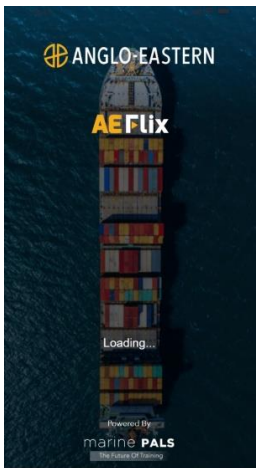
Ammonia engine- *under development.*

# Training Philosophy

- Knowledge based courses
- Skill based courses
- Soft skills training
- On-board training
- E-learning
- Competency assessment
- Mentoring app



Proficiency Profile		Proficiency Competence Profile	
Knowledge	Competence	Knowledge	Competence
...	...	...	...







**Annual Pass Out**

240 Deck Cadets

120 Marine Engineers

80 Electro-Technical  
officers

**Planning**

40 Deck Cadets

&

500 Ratings

**Planning**

Passenger ship training

**ANGLO EASTERN MARITIME ACADEMY**

# Anglo-Eastern Maritime Training Centre



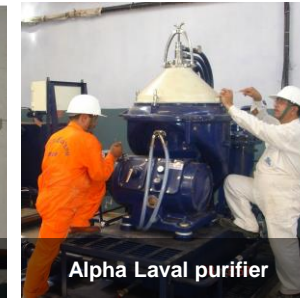
ME engine simulator



Engine machinery space



Deckma 2500 OCM



Alpha Laval purifier



Oily water separator



Yanmar diesel engine

# WE Care

W

E



DELTA EASTERN

# Caring for our people and society



Find more information on our initiatives [here](#).

# ESG



ENVIRONMENTAL	SOCIAL	GOVERNANCE
Climate change, reduced carbon emissions	Diversity & Inclusion, Race, Gender	Transparency, leadership, accountability, decision making using big data
Alternate Zero Carbon fuels	Human rights, Supply chain & sourcing	Anti-bribery and Anti-Corruption
Reducing waste, Reducing Pollution	Anti Discrimination, Anti Bullying, harrassment, Data Privacy	Risk mitigation & Management
Sustainable Investment	Health & Safety Practices(for employees & the wider community)	Sustainable development

# Sustainability



Doing the right things the right way” is one of the driving tenets behind our vision of shaping a better, more sustainable maritime future.



## Certified carbon-neutral

In the year 2020, Anglo-Eastern was officially certified carbon neutral in line with PAS 2060, the international standard for carbon-neutrality, with almost 6,000 tonnes of CO<sub>2</sub> emissions (tCO<sub>2</sub>e) offset through our sponsorship of a carefully chosen certified climate project.



“Carbon-offsetting is not the end of our journey to becoming a responsible corporate citizen. It is a beginning, representing a stepping stone towards making real changes in the way we run our business, the way we do things, the way we work and live our lives.”

- Bjorn Hojgaard, CEO



SHAPING A BETTER MARITIME FUTURE



Anglo-Eastern dashboard, in collaboration with CO<sub>2</sub>logic and the Zambia Agroforestry project:

**1.3 MILLION**  
TREES SAVED

**2,761**  
HECTARES  
PROTECTED

**5,943**  
TONNES OF  
CO<sub>2</sub> SEQUESTERED

**427**  
FARMERS  
ASSISTED

Through Anglo-Eastern’s sponsorship of the Zambia Agroforestry project, we

have helped uphold the United Nations’ Sustainable Development Goals (SDGs) by saving 1.3 million trees over 2,761

hectares of land, offsetting 5,943 tonnes of CO<sub>2</sub> emissions.





Thank you

[www.angloeastern.com](http://www.angloeastern.com)

 **ANGLO-EASTERN**