

# ORIENTATION TRAINING FOR FACULTY MEMBERS OF IMU

## INTRODUCTION TO MARITIME DOMAIN II

### “GLOBAL SUPPLY CHAIN - MAJOR STAKEHOLDERS, TRENDS IN INTERNATIONAL TRADE, ROLE OF SEAFARERS”

16 December, 2021

By **CAPT. JOHN P. MENEZES**  
FNI FICS FCMS FICA  
Marine Consultant and Arbitrator  
[www.menezesandassociates.com](http://www.menezesandassociates.com)

# UNDERSTANDING GLOBAL SUPPLY CHAIN

- What is the supply chain
- The concept
- Efficient Logistics
- Types of supply chains
- Advantages and Disadvantages

# SUPPLY CHAIN AND THE DRY CARGO BULK SECTOR

- The driving force



Automobile-Construction - Agriculture

- The need for steel
- Role of Coal and Iron Ore - Panamax / Capesize / VLOC
- The Grain Movement
- Fertiliser / Cement

# SUPPLY CHAIN AND THE LIQUID CARGO MARKET

- Oil and Liquefied Gases - Energy Source
- Crude and Petroleum Products
- Examples:
  - Bitumen / Infrastructure
  - Edible Oil
  - Chemicals

# SUPPLY CHAIN AND CONTAINER TRADE

- Basic produce to increasing value addition
- Global Trade to smaller Players / Nations
- Cargoes have price and value
- Examples:
  - M.V. Evergiven and Suez Canal
  - Garment Sector / Pharma / Chips
  - Indian Cashew / Coffee Industry
- Inter Modalism and Inland Ports

# MAJOR STAKEHOLDERS

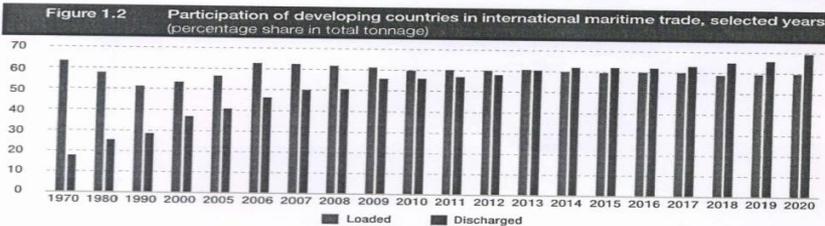
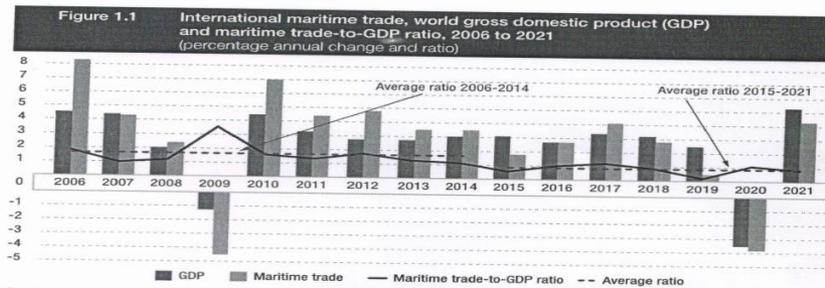
- Theory of Comparative / Competitive / Absolute Advantage
- Supplier / Manufacturer / Distributor / Retailer / Customer
- Transport / Storage / Distribution - Intermediaries of Road / Rail / Inland Waterway / Air

# MAJOR STAKEHOLDERS

- Owning / Leasing of Vehicles / Containers
- Banks / Administration / Institutions
  - WTO / UNCTAD, IMO / CSC
  - ICU / UCP - 600
  - BIMCO
- The Human Element
- Understanding Service Industry

# INTERNATIONAL MARITIME TRADE / GDP FROM 2006 TO 2021 (UNCTAD)

1. International maritime trade and port traffic



# TRENDS IN INTERNATIONAL TRADE

## Volumes of International Maritime Trade

- Impact of COVID / Freight Rates
- Geo Political Factors
- Climate Change - COP26
- SDG / ESG/ 2030 /2050
- Technology - Marine Automated Surface Ships(MASS)
- Digitalization (DGMT, ASYCUDA, ASYHUB)

# ROLE OF SEAFARER

- Inland/Short haul/Long haul of Sea Transport
- Port to Port / Sea passage / Perils of the Sea and Risk Management
- Floating Island Theory
- COVID 19 Seafarer Crisis
- No Shipping / No Shopping / No Supply Chain

# CHALLENGES

- Customer is King / Satisfaction / Delight
- Natural Disasters
- Man Made Disasters
- Maritime Cyber Security and Attacks
- Prepare for Disruption and Change

# REFERENCES

- UNCTAD Review of Maritime Transport - 2021
- Logistics and Multi Modal Transport - ICS
- Lean Six Sigma approach for Global Supply Chain Management
- Using Industry by Athul Jayaram - Amity University
- Ernst and Young LLP (EY US) - EY Supply Chain Survey 2020
- <https://www.cips.org/knowledge> - topics and skills - Supply - Chain - Management / Global - Supply- Chains