



STATE OF ISRAEL



Ministry of Transport, National Infrastructure and Roads Safety
Administration of shipping and ports

SAFEMED III Seminar on MARPOL Annex VI

29-30 April 2014
EMSA - LISBON

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INTRODUCTION



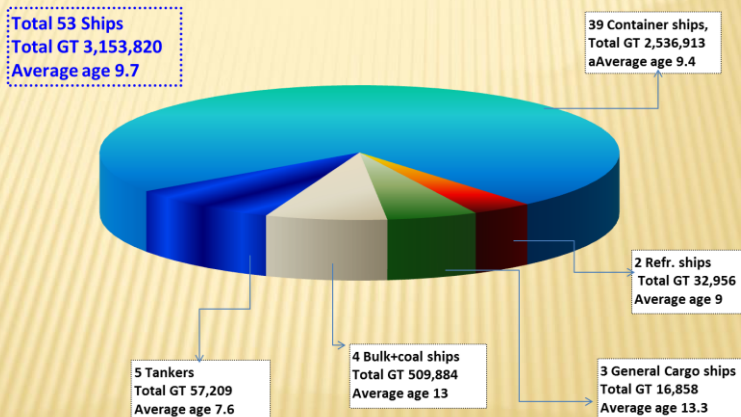
- ❑ Israeli coast line length is approx. 200 km.
- ❑ Approximately 6000 ships calling every year to Israeli ports
- ❑ 6 major ports in Israel (3 General cargo 2 Energy - 1 Chemicals)
- ❑ IMOT - Israeli Ministry of Transport
- ❑ ASP - Administration of Shipping & Ports



ISRAELI MERCHANT FLEET



Israeli fleet by type 1/1/2013



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MAIN TRADING ROUTHS



***SUBJECT TO SHIPPING COMPANIES POLICY & BUSINESS DECISIONS.**

Mainly the following:

Mediterranean – Black Sea – North Sea

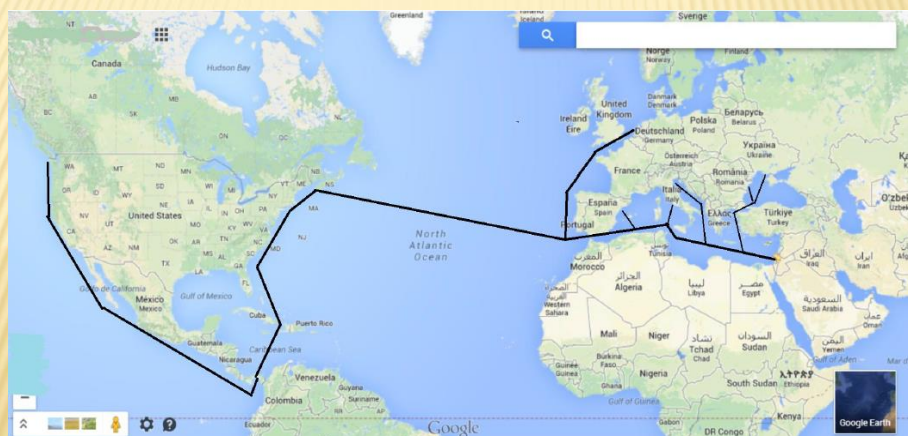
North America East & West Coasts

Red sea – Indian Ocean - China Sea

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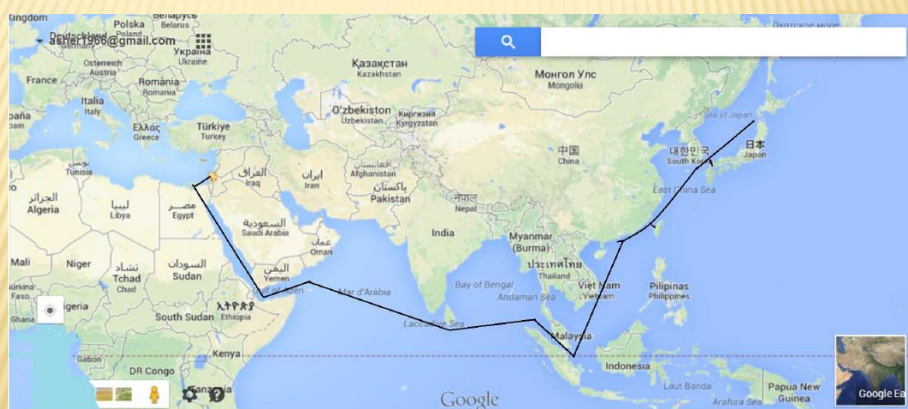
MEDITERRANEAN – BLACK SEA – NORTH SEA NORTH AMERICA EAST & WEST COASTS



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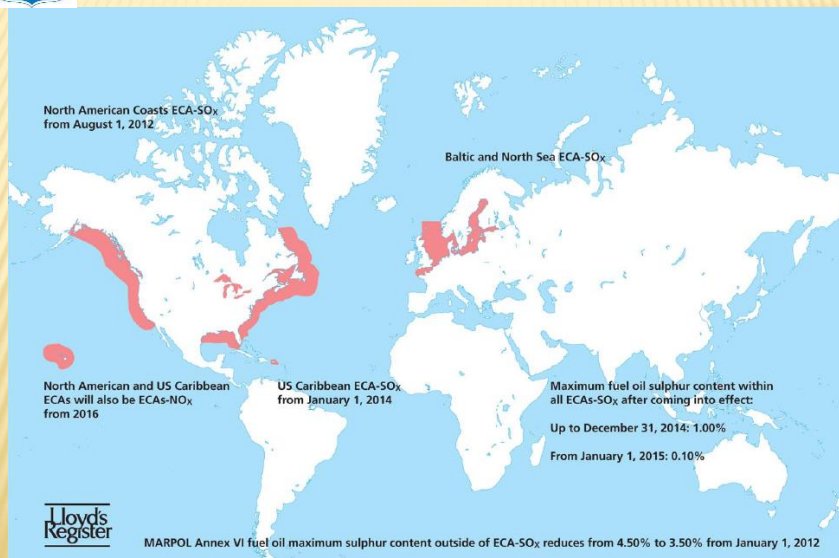
RED SEA – INDIAN OCEAN – CHINA SEA



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EMISSION CONTROL AREAS UNDER MARPOL ANNEX VI



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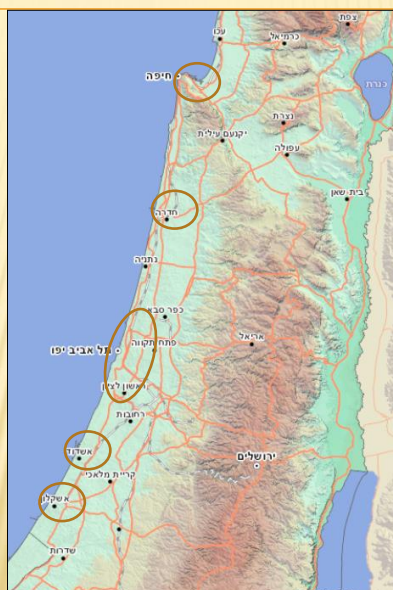


AIR QUALITY IN PORT CITIES



Port of Hadera
IN STANDARD.
Power Plant

South State Ports
Industry, Power Plant,
Transportation
ABOVE STANDARD



Port of Haifa
IN STANDARD.
Industry, Power Plant,
Transportation

Greater Tel Aviv Area
ABOVE STANDARD
Transportation

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OUTSTANDING BARRIERS FOR NOT RATIFYING ANNEX VI



Manpower shortage.
National legislation process

Removal of Barriers:

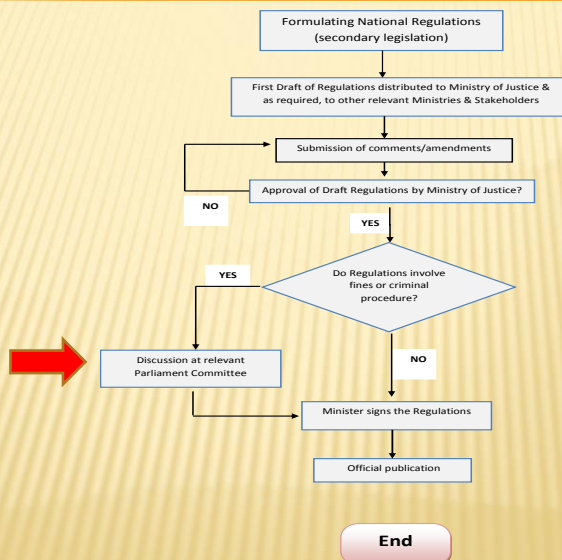
VIMSAS Audit (2012):

- * Recruit of manpower
- * Commitment to eliminate VIMSAS observations by 2016
- * Intense public awareness

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Legislation Process



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EXISTING NATIONAL LAW SIMILAR TO MARPOL ANNEX VI



Ministry of Environment protection (MOEP)

- ❑ Clean air Act 2008
- ❑ Pollution prevention Regulations from shore facilities:
 - Industry (Petrochemical)
 - Power Plants Emission
 - Domestic (Oil fired heating)
 - Transportation & Vehicles (Petrol / Diesel Engines)
 - Permits for clean emission.
 - Ozone depleting substances (execution of Montreal protocol)

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SPECIFIC ASSISTANCE REQUIRED TO SPEED UP RATIFICATION



Technical issues

- ❑ Volatile Organic Compounds (VOC) – Reg. 15 of Annex VI
 - No specific regulatory measures
- ❑ Sulphur Oxide (Sox) & Particulate Matter (PM) – Reg. 14 of Annex VI
 - R14.1 Out side ECA expected only 2020
 - East Mediterranean basin not ECA
- ❑ Fuel Oil Availability & Quality - Reg. 18 of Annex VI.
 - National Laboratory for FO analysis to be established.
- ❑ Training for Flag & port state inspectors (EMSA / WMU / IMO)

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SUPPORT FROM OTHER SAFEMED III BENEFICIARY STATES



Joint Efforts by Mediterranean states

- Annex VI Ratification (remaining states)
- Sox Regulation (earlier then 2020)
- Promote Mediterranean sea as ECA

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SUPPORT FROM OTHER SAFEMED III BENEFICIARY STATES



Questions are most welcome

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Thank You



Shalom