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LECTURE

CONTROL OF MARINE POLLUTION

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MSc. Dang Thi Thanh Le





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LECTURE 2

LEGAL ASPECTS OF MARINE POLLUTION CONTROL

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MARPOL CONVENTION 73/78

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Marpol Convention 73/78 - The International Convention for the Prevention of Pollution from Ships is the main international convention covering prevention of pollution of the marine environment by ships from operational or accidental causes.. Is a combination of two international agreements adopted in 1973 and 1978 respectively, updated and revised over the years.



The Convention was born in 1973

The MARPOL Convention
73/78 includes 6 annexes

Vietnam officially joined the
Convention on March 18, 1991

REGULATIONS
FOR THE OF
PREVENTION BY
OIL

REGULATIONS FOR
THE CONTROL
OF POLLUTION BY
NOXIOUS LIQUID
SUBSTANCES IN BULK

PREVENTION OF
POLLUTION BY
HARMFUL SUBSTANCES
CARRIED BY SEA IN
PACKAGED FORM

PREVENTION OF
POLLUTION BY
SEWAGE FROM
SHIPS

PREVENTION OF
POLLUTION BY
GARBAGE FROM
SHIPS

PREVENTION
OF AIR
POLLUTION FROM
SHIPS

MARPOL CONVENTION



ANNEX I: REGULATIONS FOR THE PREVENTION OF POLLUTION BY OIL



Entered into force 2 October 1983)

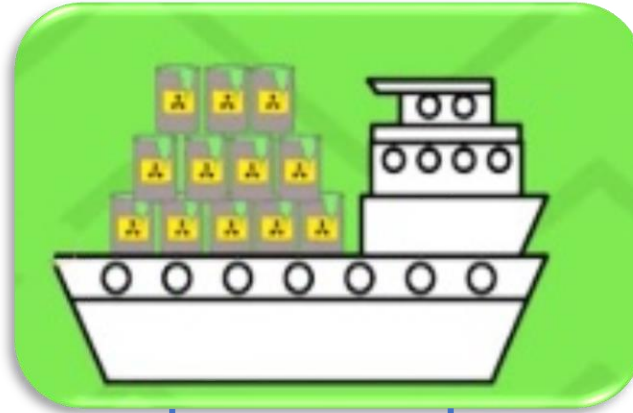
Details the discharge criteria and requirements for the prevention of contamination by oil and oily substances.

The discharge of oil inside them was banned entirely, with well-defined minor exceptions.

It largely maintains the oil discharge criteria set forth in the 1969 amendments to the 1954 Oil Pollution Convention.

ANNEX II: REGULATIONS FOR THE CONTROL OF POLLUTION BY NOXIOUS LIQUID SUBSTANCES IN BULK

Entered into force 2
October 1983

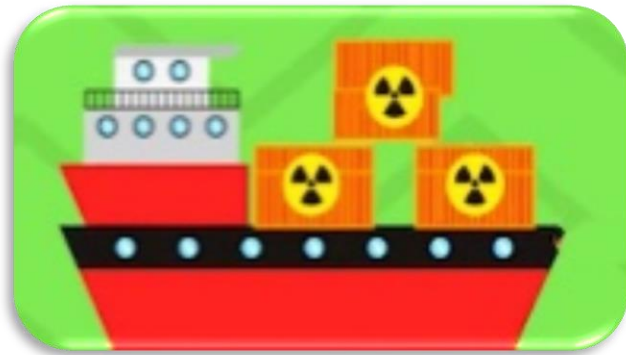


About 250 50 substances were
evaluated and included in the list
appended to the Convention.

Details the discharge
criteria and measures
for the control of
pollution by noxious
liquid substances
carried in bulk

Discharge of their residues
is allowed only to reception
facilities until certain
concentrations and
conditions (which vary with
the category of substances)
are complied with.).

ANNEX III: PREVENTION OF POLLUTION BY HARMFUL SUBSTANCES CARRIED BY SEA IN PACKAGED FORM



Entered into force: 1 July 1992.

Contains general requirements for the issuing of detailed standards on packing, marking, labelling, documentation, stowage, quantity limitations, exceptions and notifications..

Harmful substances” are those substances which are identified as marine pollutants in the International Maritime Dangerous Goods Code (IMDG Code) or which meet the criteria in the Appendix of Annex III.

ANNEX IV: PREVENTION OF POLLUTION BY SEWAGE FROM SHIP



- Entered into force: September 27, 2003

- Contains requirements for the control of marine pollution caused by wastewater from ships. The discharge of sewage into the sea is prohibited, except when the ship has in operation an approved sewage treatment plant or when the ship is discharging comminuted and disinfected sewage using an approved system at a distance of more than three nautical miles from the nearest land;

- Sewage which is not comminuted or disinfected has to be discharged at a distance of more than 12 nautical miles from the nearest land.

ANNEX V: PREVENTION OF POLLUTION BY GARBAGE FROM SHIPS



- Entered into force : December 31, 1988

- Appendix V covers the different types of waste and defines how far from land they are and how they can be disposed of.

- The Annex is the complete ban imposed on the disposal into the sea of all forms of plastics.

APPENDIX VI: PREVENTION OF AIR POLLUTION FROM SHIPS



Entered into force: May 19, 2005.

Sets limits on sulphur oxide and nitrogen oxide emissions from ship exhausts and prohibits deliberate emissions of ozone depleting substances

Designated emission control areas set more stringent standards for SO_x, NO_x and particulate matter

A chapter adopted in 2011 covers mandatory technical and operational energy efficiency measures aimed at reducing greenhouse gas emissions from ships.