**1 January 2013: entry into force of July 2011 amendments to MARPOL**

*Annex VI energy efficiency*  
Amendments to MARPOL Annex VI Regulations for the prevention of air pollution from ships, add a new chapter 4 to make mandatory the Energy Efficiency Design Index (EEDI), for new ships, and the Ship Energy Efficiency Management Plan (SEEMP) for all ships. Other amendments to Annex VI add new definitions and the requirements for survey and certification, including the format for the International Energy Efficiency Certificate.

The regulations apply to all ships of 400 gross tonnage and above. However, under regulation 19, the Administration may waive the requirement for new ships of 400 gross tonnage and above from complying with the EEDI requirements. This waiver may not be applied to ships above 400 gross tonnage for which the building contract is placed four years after the entry into force date of chapter 4; the keel of which is laid or which is at a similar stage of construction four years and six months after the entry into force; the delivery of which is after six years and six months after the entry into force; or in cases of the major conversion of a new or existing ship, four years after the entry into force date.

The EEDI is a non-prescriptive, performance-based mechanism that leaves the choice of technologies to use in a specific ship design to the industry. As long as the required energy-efficiency level is attained, ship designers and builders would be free to use the most cost-efficient solutions for the ship to comply with the regulations.

The SEEMP establishes a mechanism for operators to improve the energy efficiency of ships.

*Annex VI emissions*Amendments to MARPOL Annex VI Regulations for the prevention of air pollution from ships to designate certain waters adjacent to the coasts of Puerto Rico (United States) and the Virgin Islands (United States) as an ECA for the control of emissions of nitrogen oxides (NOX), sulphur oxides (SOX), and particulate matter under. Another amendment makes old steamships exempt from the requirements on sulphur relating to both the North American and United States Caribbean Sea ECAs. The new ECA takes effect 12 months after entry into force.

*Annex IV sewage*  
Amendments to MARPOL Annex IV Prevention of pollution by sewage from ships to include the possibility of establishing “Special Areas” for the prevention of such pollution from passenger ships and to designate the Baltic Sea as a Special Area under this Annex.

**1 January 2013: entry into force of July 2011 amendments to MARPOL**

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*Annex IV sewage*  
Amendments to MARPOL Annex IV Prevention of pollution by sewage from ships to include the possibility of establishing “Special Areas” for the prevention of such pollution from passenger ships and to designate the Baltic Sea as a Special Area under this Annex.

*Annex V garbage*Revised MARPOL Annex V Regulations for the prevention of pollution by garbage from ships, developed following a comprehensive review to bring the Annex up to date.

The main changes include the updating of definitions; the inclusion of a new requirement specifying that discharge of all garbage into the sea is prohibited, except as expressly provided otherwise (the discharges permitted in certain circumstances include food wastes, cargo residues and water used for washing deck and external surfaces containing cleaning agents or additives which are not harmful to the marine environment); expansion of the requirements for placards and garbage management plans to fixed and floating platforms engaged in exploration and exploitation of the sea-bed; and the addition of discharge requirements covering animal carcasses.

**1 August 2013: Entry into force of 2012 amendments to MARPOL**

Amendments to MARPOL Annexes I, II, IV, V and VI which are aimed at enabling small island developing States to comply with requirements for port States to provide reception facilities for ship waste through regional arrangements. Parties participating in a regional arrangement must develop a Regional Reception Facilities Plan and provide particulars of the identified Regional Ships Waste Reception Centres; and particulars of those ports with only limited facilities.

**1 January 2014: Entry into force of 2010 October MARPOL amendments**

Revised MARPOL Annex III *Regulations for the prevention of pollution by harmful substances carried by sea in packaged form* adopted in order for changes to the Annex to coincide with the next update of the mandatory International Maritime Dangerous Goods (IMDG) Code, specifying that goods should be shipped in accordance with relevant provisions.

**1 January 2014: United States Caribbean ECA becomes effective**   
United States Caribbean Sea Emission Control Area  (SOx, NOx and PM) becomes effective, under MARPOL Annex VI.