



ASSEMBLY - 18th session  
Agenda item 13

RESOLUTION A.747(18)  
adopted on 4 November 1993

APPLICATION OF TONNAGE MEASUREMENT OF SEGREGATED  
BALLAST TANKS IN OIL TANKERS

THE ASSEMBLY, )

RECALLING Article 15(j) of the Convention on the International Maritime Organization concerning the functions of the Assembly in relation to regulations and guidelines concerning maritime safety and the prevention and control of marine pollution from ships,

RECALLING ALSO Resolution 9 of the International Conference on Marine Pollution, 1973, concerning tonnage measurement of segregated ballast oil tankers,

RECALLING FURTHER resolution A.722(17) whereby Governments are invited to apply the recommendation concerning the tonnage measurement of ballast spaces in segregated ballast oil tankers set out in the Annex to that resolution,

REALIZING the urgent need for the establishment of principles for the treatment of tonnage resulting from the fitting of segregated ballast tanks in oil tankers provided with an International Tonnage Certificate (1969),

REALIZING ALSO the urgent need for the unified application of tonnage measurement of segregated ballast spaces in oil tankers,

REALIZING FURTHER the need for promoting the use of tankers fulfilling the requirements of regulation 13<sup>7</sup> in Annex I of MARPOL 73/78, as amended as well as segregated ballast oil tankers,

HAVING NOTED the limited scope of resolution A.722(17) and having considered it appropriate if pilotage authorities were included in the scope of the resolution even if another basis is used for assessing pilotage dues,

HAVING CONSIDERED the recommendations made by the Maritime Safety Committee at its sixty-second session and the Marine Environment Protection Committee at its thirty-fourth session,

1. ADOPTS the Recommendation Concerning Tonnage Measurement of Segregated Ballast Tanks in Oil Tankers, set out in the Annex to the present resolution;
2. INVITES Governments to advise the port and harbour authorities to apply this Recommendation when assessing fees based on the reduced gross tonnage for all tankers with segregated ballast capacity in accordance with regulation 13 of Annex I of MARPOL 73/78;

3. INVITES ALSO Governments to advise pilotage authorities to take action in accordance with this Recommendation;
4. REQUESTS the Secretary-General to invite all Governments concerned to provide information on experience gained from the implementation of this resolution;
5. REVOKES resolution A.722(17).

ANNEX

RECOMMENDATION CONCERNING TONNAGE MEASUREMENT OF  
SEGREGATED BALLAST TANKS IN OIL TANKERS

In order to use a unified base for the application of tonnage measurement of segregated ballast tankers, Administrations are recommended to accept the following principles:

1 The ship is certified as a segregated ballast oil tanker as stated in paragraph 5 of the supplement to the International Oil Pollution Prevention Certificate and the location of the segregated ballast tanks is indicated under paragraph 5.2 of that supplement.

2 Segregated ballast tanks are those tanks exclusively used for the carriage of segregated water ballast, as defined in regulation 1(17) of Annex I of MARPOL 73/78. The segregated ballast tanks should have a separate ballast pumping and piping system arranged for the intake and discharge of ballast water from and to the sea only. There should be no piping connections from segregated ballast tanks to the fresh water system. No segregated ballast tank should be used for the carriage of any cargo or for storage of ship's stores or material.

3 In the International Tonnage Certificate (1969) under "Remarks" an entry is made for the tonnage of segregated ballast tanks in oil tankers as follows:

"The segregated ballast tanks comply with regulation 13 of Annex I of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, and the total tonnage of such tanks exclusively used for the carriage of segregated water ballast is .....

The reduced gross tonnage which should be used for the calculation of tonnage based fees is ....."

4 The tonnage of segregated ballast tanks mentioned above should be calculated according to the following formula:

$$K_1 \times V_b$$

Where:

$K_1 = 0.2 + 0.02 \log_{10} V$  (or as tabulated in appendix 2 of the International Convention on Tonnage Measurement of Ships, 1969) .

$V$  = the total volume of all enclosed spaces of the ship in cubic metres as defined in regulation 3 of the International Convention on Tonnage Measurement of Ships, 1969.

$V_b$  = the total volume of segregated ballast tanks in cubic metres measured in accordance with regulation 6 of the International Convention on Tonnage Measurement of Ships, 1969.