



MARITIME SAFETY COMMITTEE -
64th session
Agenda item 4

STABILITY, LOAD LINES AND FISHING VESSEL SAFETY

Simplified tonnage calculation for existing ships

Note by the Secretariat

1 The Committee, at its sixty-third session, approved MSC/Circ.653 on a simplified tonnage calculation for existing ships which do not have their gross tonnage determined in accordance with the 1969 Tonnage Convention, with a view to providing a guidance to Administrations in respect of existing ships which were not remeasured and issued with the International Tonnage Certificate (1969) by the end of the granted period of grace (18 July 1994).

2 The Committee further agreed that the period of the application of the simplified tonnage calculation method specified in MSC/Circ.653 should be short and decided to revisit the matter at its sixty-fourth session when it will decide as to the further application of that circular.

Action requested of the Committee

3 The Committee is invited to note the above information and take action as appropriate.

W/1978n/ga



Ref. T4/5.04

**SIMPLIFIED TONNAGE CALCULATION FOR EXISTING SHIPS
WHICH DO NOT HAVE THEIR GROSS TONNAGE DETERMINED IN
ACCORDANCE WITH THE 1969 TONNAGE CONVENTION**

1 The Maritime Safety Committee, at its sixty-third session (16 to 25 May 1994), agreed that provisional gross tonnage (GT_p) of ships not holding an International Tonnage Certificate (1969) or a preliminary document replacing, for a short period of time, the International Tonnage Certificate (1969) on or after 18 July 1994, may be calculated by a Contracting Government to the 1969 Tonnage Convention according to the following simplified formula:

$$GT_p = V_E \times a$$

where:

$$V_E = L \times B \times H$$

L = length according to the International Load Line Certificate (1966), in metres;*

B = moulded breadth, in metres;*

H = height at side from the bottom up to the uppermost complete deck (upper deck), in metres;* and

a = f (V_E) to be determined by linear interpolation according to the following table:

V _E	a
up to 400	0.58
1,000	0.43
5,000	0.35
10,000	0.34
25,000	0.33
50,000	0.32
100,000	0.31
150,000	0.30
200,000	0.29
250,000 and over	0.28

* According to published registers or statutory documents on board the ship.

2 If a net tonnage is required additionally, then a provisional net tonnage (NT_p) may be taken as:

$$NT_p = 0.6 \times GT_p$$

3 The provisional gross tonnage calculated according to the above simplified formula should only be valid for harbour and other dues. It may be used in lieu of the gross tonnage to be shown in an International Tonnage Certificate (1969) or a preliminary document replacing the International Tonnage Certificate (1969) for a short period of time.

4 As the above simplified formula shows good results only for normal cargo ships, special types of ships (e.g. car carriers, passenger ships, etc.) that have large superstructures/erections should be considered individually at the discretion of the Administration.
