IMCO

INTERNATIONAL CONFERENCE ON
TONNAGE MEASUREMENT, 1969
Technical Committee

PROGRESS REPORT NO. 3

4 and 5 June 1969

1.   The Committee considered formulae to be used for
determining gross and net tonnages, and agreed on the
following:

    (a) Gross Tonnage

        (i) Gross tonnage should be determined by the
following formula:

$$GT = aV$$

where a = coefficient

V = total moulded volume of ship

      (ii) The value of "a" might be constant or variable.
If variable, it should be the function of
total moulded volume of ship, but not of
displacement, draught or freeboard.

    (b) Net tonnage

        (i) In order to determine a formula for net tonnage,
the following alternative formulae should be
studied:

TM/CONF/C.2/WP.11

$$NT = a_1^{\nabla}$$

or

$$NT = a_1^{1}V + a_2^{1}P$$

or

$$NT = a_1^{''}V + a_2^{''}P - a_3^{''}WB$$

with minimum $NT = (a_1^{''}V + a_2^{''}P)K$

where V = displacement at the assigned summer load line

P = volume of passenger spaces or function of number of passengers

WB = volume of water ballast spaces

a_1, a_2, and a_3 = coefficients which might be constant or variable

K = a constant

   (ii) It was agreed that the effect of increased weight due to ice strengthening construction should not be taken into account in the formula.

2.   In order to study in detail the above formulae, the Committee established a working group on tonnage formulae, consisting of delegations of Denmark, France, Federal Republic of Germany, Italy, Japan, Netherlands, Norway, Spain, Sweden, USSR, UK and USA. The working group will be presided over by Mr. P. Eriksson (Sweden).

3.   The working group was instructed to report to the Committee by Monday, 9 June 1969.