



IMCO

INTERNATIONAL CONFERENCE ON
TONNAGE MEASUREMENT, 1969

Technical Committee

PASSENGER TERM IN NET TONNAGE FORMULA

Submitted by Denmark

The Working Group, having found it difficult to have a correction for passengers on total volume of passenger spaces as such data was not available for the IMCO fleet, decided to test a formula containing a term: $B(N_b + \frac{N_u}{10})$, where N_b and N_u are the numbers of berthed and unberthed passengers respectively and B a coefficient either constant or depending on ship sizes.

For the 79 IMCO passenger ships, including ferries and data for 13 additional passenger ships supplied by Italy, values of B for each vessel were derived as:

$$B = \frac{NT - 0.29V}{N_b + \frac{N_u}{10}} \quad (I)$$

$$B = \frac{NT - (0.125 + 0.072 \log V) \cdot V}{N_b + \frac{N_u}{10}} \quad (II)$$

The results of the calculations were plotted in the appended Figures 1 and 2.

TM/CONF/C.2/WP.21

It has been suggested that a line below the majority of the points plotted should be chosen, so that no ships would get increased net tonnage figures under the new regulations.

Should this procedure be adopted, a tentative value would be:

$$B = 1 = \frac{\nabla}{10,000}$$

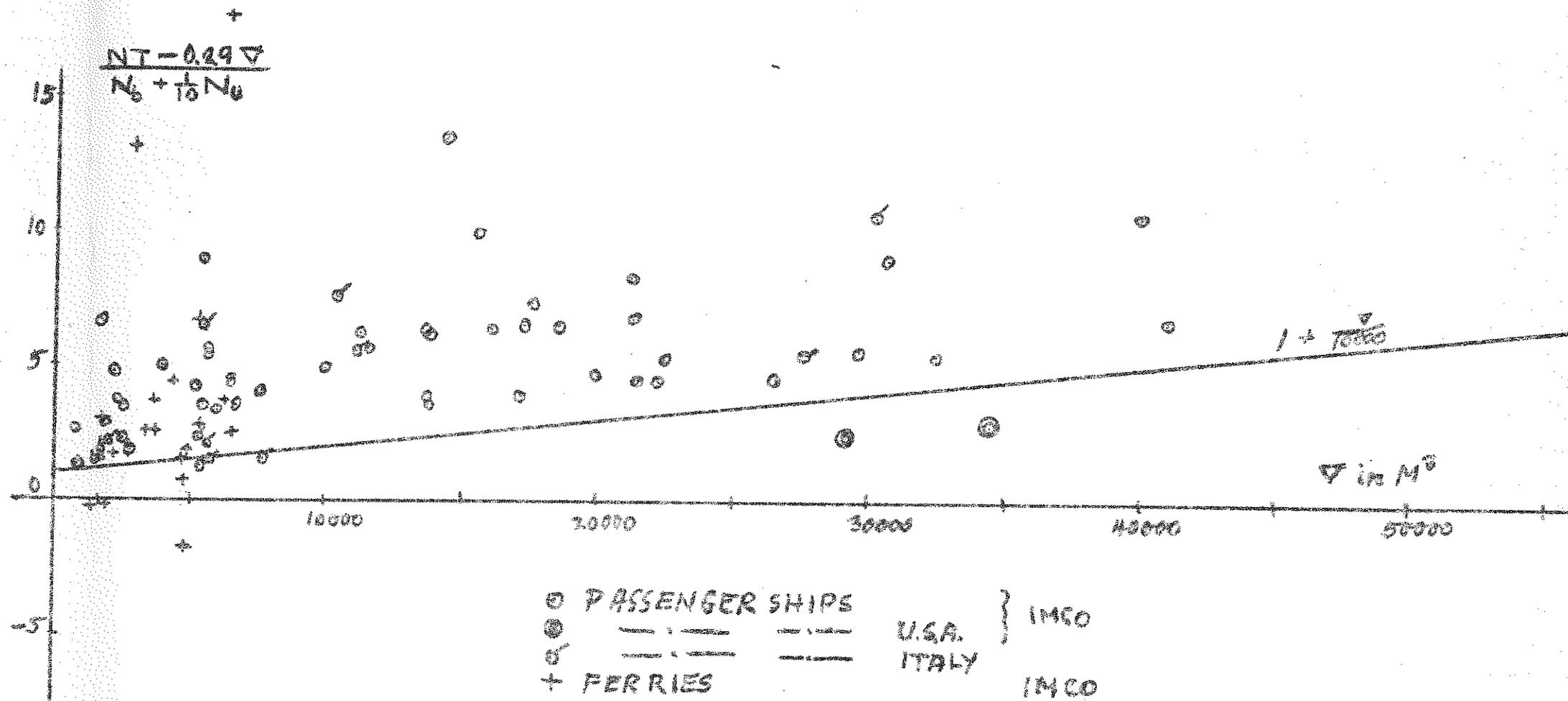


Figure 1

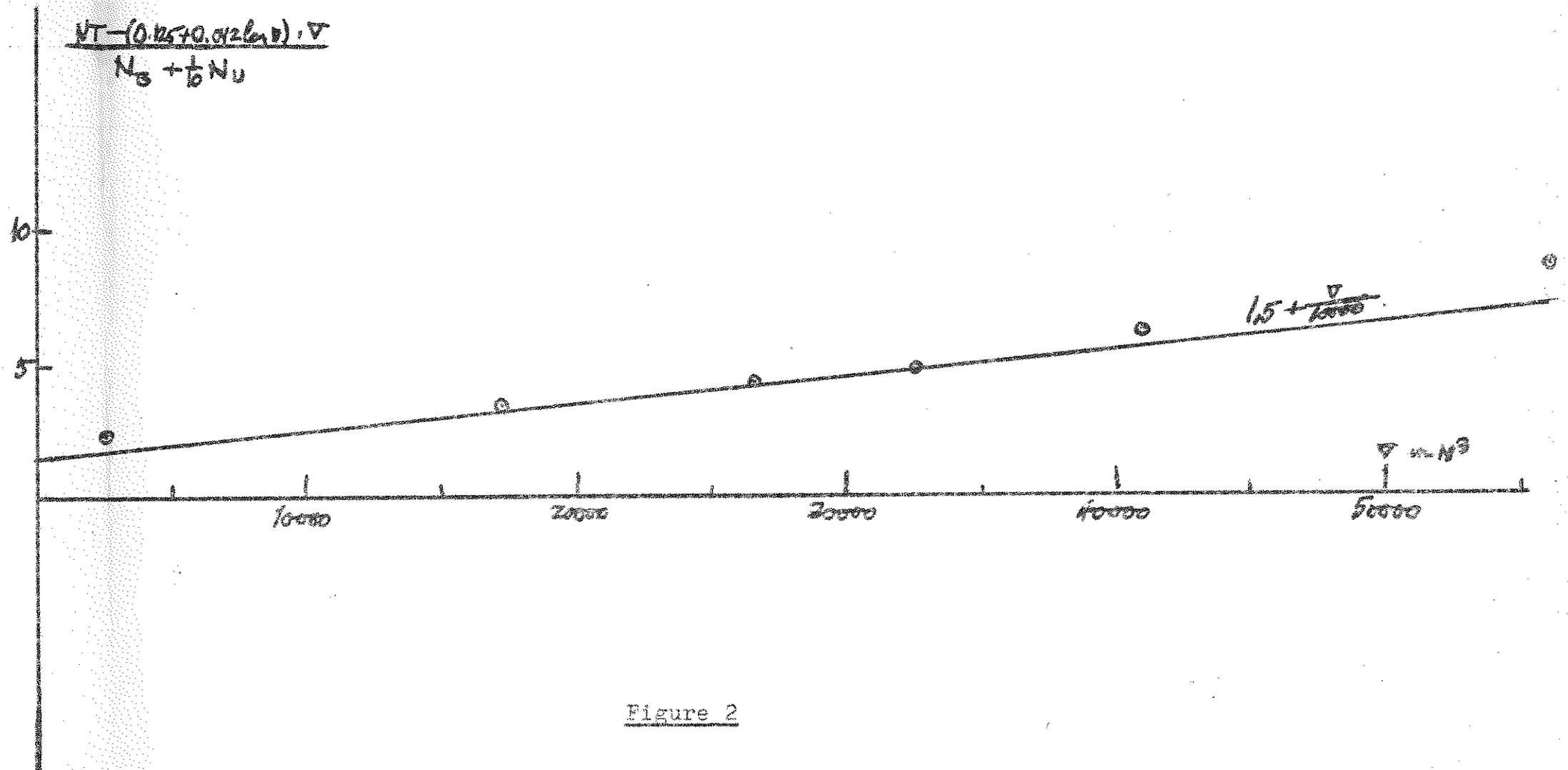


Figure 2