

to make after starting an engine.

## INLAND WATERS SHIPPING (TONNAGE AND DIMENSIONS) REGULATIONS

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G.N. 21/1970

1/1982

### INLAND WATERS SHIPPING (TONNAGE AND DIMENSIONS) REGULATIONS

under s. 37

#### 1. Citation

These Regulation may be cited as the Inland Waters Shipping (Tonnage and Dimensions) Regulations.

#### 2. Interpretation

In these Regulations, unless the context otherwise requires—

“decked vessel” means a vessel which is decked in to the extent of her overall length;

“half-decked vessel” means a vessel which is not an open vessel nor a decked vessel;

“open vessel” means a vessel which is not decked in at the forward end to the extent of one-third of her overall length.

#### 3. Manner of ascertaining tonnage and dimensions

(1) The tonnage of a vessel shall be determined— G.N. 1/1982

(a) in the case of a steel or aluminium vessel, by applying the formula—

$(\text{breadth} + \text{girth})^2 \times \text{length} \times 0.018;$

(b) in the case of a wooden or reinforced plastic vessel by applying the formula—

$(\text{breadth} + \text{girth})^2 \times \text{length} \times 0.016,$

the breadth, girth and length being expressed in metres taken to the nearest 0.01 metre.

(2) For the purpose of assessing the dimensions of a vessel all calculations shall be made by the methods set out in the Schedule.

#### 4. Tonnage of vessels re-assembled in Malawi

The tonnage of a vessel built outside Malawi and reassembled in Malawi shall be the gross tonnage as determined by the builders.

5. Builders to supply information

The builders of any vessel shall, if called upon to do so by a surveyor, supply such information as may be necessary for the purpose of measuring the dimensions and tonnage of a vessel.

SCHEDULE reg. 3 (2)

METHODS OF ASSESSING DIMENSIONS OF A VESSEL

1. Length

The length of a vessel shall be measured from the forward edge of the stem along the centre line of the uppermost continuous deck to the outer edge of the plating or planking attached to that deck at the stern. In the case of vessels having a pointed stern the length shall be measured from the forward edge of the stem to the aftermost edge of the stern post, and in the case of vessels having a transom (that is a square stern) the length shall be measured from the forward edge of the stem to the outer edge of the transom plating or planking.

2. Breadth

The breadth of a vessel shall be measured from the outer edge of the hull plating or planking on one side where it is attached to the uppermost continuous deck, to the outer edge of the hull plating or planking on the other side, such measurement being made at the point of midlength of the vessel. In the case of half-decked vessels the breadth shall be measured between the outer edges of the hull plating or planking where attached to the half-deck at the point of mid-length, and in the case of open vessels the breadth shall be measured between the outer edges of the hull plating or planking at the gunwale and at the point of mid-length.

3. Girth

The girth of a vessel shall be measured by marking on both sides of the vessel the height of the uppermost continuous deck at the point of mid-length, then by measuring from the mark on one side downwards in a direction perpendicular to the keel, across the bottom plating and up to the mark on the other side. This measurement should not take in such projections as rolling chocks (bilge keels) and bar keels. In the case of open and half-decked vessels the measurement shall be taken in a similar manner between the gunwales or the height of the half-deck.

4. Depth

The depth of a vessel shall be measured from the top of the keel to the underside of the deck plating or planking of the uppermost continuous deck at the point of mid-length. In the case of open or half-decked vessel it shall be measured from the top of the keel to a straight line drawn between the gunwales or half-deck on each side at the point of mid-length.

5. Measurement of open vessels

In ascertaining the dimensions of open vessels the upper edge of the upper strake is to form the boundary line of measurement, and the depth shall be taken from an athwart ship line extended from upper edge to upper edge at the point of mid-length of the vessel.