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IMO

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STRENGTH OF GRAIN DIVISIONS LOADED ON ONE SIDE

1. The Maritime Safety Committee's attention was earlier drawn to deficiencies in the loadings given in Tables I and II of Section 1 of Part C in Chapter VI of the 1974 SOLAS Convention, and authorized the issue of MSC/Circ.310 which circular indicated that Table I and Table II were only suitable for divisions where the height of grain did not exceed 3 metres and gave guidance for grain heights in excess of 3 metres.
2. Subsequent discussion has indicated however that Tables I and II may be used for determining the load on grain divisions for grain heights of up to 6 metres. The tables, in SI units, are attached.
3. For heights of grain in excess of 6 metres the tables of  $P/h^2$  as given herein may be used as guidance in determining the load on a division. Administrations should be guided by established engineering practice when deriving the scantlings of high temporary divisions.
4. For clarification an example of the use of the tables of  $P/h^2$  is given hereunder:  

To find Force (P) for a transverse division where  $h = 9.00$  m  
 $l = 18.00$  m

$L/h = 2$ . From table II.L  $P/h^2 = 1846$ .

Force (P) =  $1846 \times 9.0^2 = 149526$  kN/m.
5. MSC/Circ.310 and Corr.1 is hereby revoked.