CSR_BC

Chapter 4, Appendix 1

3.1.2 BC-A ships

The maximum permissible cargo mass ($W_{max}(T_i)$) and the minimum required cargo mass ($W_{min}(T_i)$) for the adjacent two holds at various draughts (T_i) are determined, in t, by the following formulae:

$W_{max}(T_i) = 2(M_{Full} \, or \, M_{HD}) + 0.1 M_H$, whichever is the greater for $T_s \geq T_i \geq 0.67 T_s$
… …

There are two sets of data M_{Full}, M_{HD} and M_H in the two adjacent cargo holds. The result values are different significantly especially at fore end and aft end cargo holds. Which data shall be applied in the formula?

The formula is proposed to be modified as follows:

$W_{max}(T_i) = M_{Full,fwd} + M_{Full,aft}$

$W_{max}(T_i) = M_{HD,fwd} + M_{HD,aft} + 0.1(M_{H,fwd} + M_{H,aft})/2$, whichever is the greater for

$$T_s \geq T_i \geq 0.67 T_s$$

$M_{Full,fwd}, M_{HD,fwd}, M_{H,fwd}$: M_{Full}, M_{HD}, M_H in one cargo hold.

$M_{Full,aft}, M_{HD,aft}, M_{H,aft}$: M_{Full}, M_{HD}, M_H in adjacent cargo hold.