

Amended Guidance for Steel Barges



Present	Amendment
<p style="text-align: center;">CHAPTER 18 BULWARKS, FREEING PORTS, VENTILATORS AND PERMANENT GANGWAYS</p> <p style="text-align: center;">Section 2 Bulwarks and Guardrails</p> <p>202. <same as the present Rules></p> <p style="text-align: center;">Section 3 Freeing Ports <newly added></p>	<p style="text-align: center;">CHAPTER 18 BULWARKS, FREEING PORTS, VENTILATORS AND PERMANENT GANGWAYS</p> <p style="text-align: center;">Section 2 Bulwarks and Guardrails</p> <p>202. <same as the present Rules></p> <p style="text-align: center;"><u>Section 3 Freeing Ports (2019)</u></p> <p>301. Freeing arrangements</p> <p>1. General</p> <p><u>Where coamings or other structures are to be provided for retaining deck cargo in pontoon barges, adequate freeing ports are to be provided in accordance with Par 2.</u></p> <p>2. Freeing port area</p> <p>(1) <u>Basic area</u> The basic freeing port area is to be in accordance with Pt 4, Ch 4 of the Rules, but a sheer correction need not be applied.</p> <p>(2) <u>Beam Correction</u> The freeing port area as determined by (1), above, may then be reduced by the factor f_b expressed by:</p> $f_b = (b/B)^{2/0.85}$ <p>b = transverse distance between the coamings (m) B = breadth of the barge (m)</p> <p>(3) <u>Height Correction</u> <u>Where the height, h_b, of the coaming sides is greater than stand-ard height h_s, the freeing port area as determined by (1), above, may be reduced by the factor f_h, given in table below.</u></p>

Present

Amendment

<hereafter, same as the present Rules>

h_b/h_s	f_h
1.0	1.00
2.0	0.66
3.0	0.44

Values of f_h for intermediate values of h_b/h_s are to be obtained by linear interpolation.

h_b = height of the coaming sides (m)

h_s = $0.01L + 1.05$ (m, $75 \leq L \leq 125$)

L = length of the barge (m)

<hereafter, same as the present Rules>