



INTERNATIONAL CONFERENCE ON
SAFETY OF LIFE AT SEA, 1974
Agenda item 7

IMCO

CONSIDERATION OF A DRAFT INTERNATIONAL CONVENTION
FOR THE SAFETY OF LIFE AT SEA, '974

Units Systems and Round-Off of Figures in Chapter II bis

Note by the Secretariat

As instructed at the second session of the Working Group (SOLAS/CONF/INF.2, paragraph 24(a)), the Secretariat has prepared the attached paper listing all figures quoted in Chapter II bis both in metric and British units, as the case may be, together with proposals for rounding-off metric figures where deemed necessary.

It will be noted that only British units are used for power and this matter may require consideration having regard to the existence of comparable units in the metric system and also to terminology in different countries.

Regulation No.	Paragraph No.	Metric Unit	British Unit	Rounding off
3	(a)	750°C	1,382°F	
	(b)	538°C	1,000°F	540°C
		704°C	1,300°F	705°C
		843°C	1,550°F	845°C
		927°C	1,700°F	930°C
	(c)(i)(4)	increment of 139°C	250°F	140°C
		180°C	325°F	
	(c)(ii)(2)	139°C	250°F	140°C
		225°C	405°F	
	(m)(ii)		500 bhp	
	(o)	1.8 kg/cm ²	25 lb/sq.in.	
(q)(i)	2 mm	1/12 in.		
(q)(iii)	0.8 kg/m ²	24 oz/sq.yd.		
5	(a)(ii)		180 tons/h	
	(c)(i)		140 tons/h	
	(c)(ii)	3.2 kg/cm ²	45 lb/sq.in.	
		2.8 kg/cm ²	40 lb/sq.in.	
		2.6 kg/cm ²	37 lb/sq.in.	
	(g)(i)	12 mm	½ in.	
		16 mm	5/8 in.	
		19 mm	¾ in.	
	(g)(ii)	12 mm	½ in.	
	(g)(iii)	19 mm	¾ in.	
	(h)	178 mm	7 ins.	180 mm
		64 mm	2½ ins.	65 mm
		132 mm	5¼ ins.	130 mm
		19 mm	¾ in.	
14.5 mm		9/16 in.	15 mm	
16 mm		5/8 in.		
50 mm		2 ins.		
	10.5kg/cm ²	150 lb/sq.in.		
7	(a)(i)	13.5 litres	3 galls.	
		9 litres	2 galls.	
	(d)	20 litres	4½ galls.	
		1.5 m ³ /min.	53 cu.ft/min.	
8	(d)(v)	0.56 m ³ /kg	9 cu.ft/lb	
	(f)	1 kg/0.75 m ³	1 lb/12 ft ³	

9	(a)	0.15 m	6 ins.	
10	(a)(1)	1 m	3.3 feet	
11	(b)	5 litres/m ³	0.1 galls/sq.ft	
12	(b)(iv)	68°C	155°F	
		79°C	175°F	
		30°C	54°F	
	(c)	5 litres/m ³	0.1 galls/sq.ft.	
	(e)(ii)	280m ²	3.000 sq.ft.	
13	(c)	57°C	135°F	55°C
		74°C	165°F	75°C
		1°C	1.8°F	
		30°C	54°F	
	(e)	37m ²	400 sq.ft.	40m ²
		9 m	30 ft	
		4.5 m	15 ft	
14	(b)(i)	36 m	120 ft.	
17	(a)	200°C	360°F	
20	(b)(ii)(6)	50m ²	540 sq.ft.	
	(b)(ii)(7)	50m ²	540 sq.ft.	
		4 m ²	43 sq.ft.	
	(b)(ii)(8)	50m ²	540 sq.ft.	
	(b)(ii)(11)		150 h.p.	
	(b)(ii)(13)	4m ²	43sq.ft.	
21	(a)(viii)	13m	43 ft.	
24		0.05m ²	78 sq.ins.	
25	(d)(i)&(ii)	0.075m ²	116 sq.ins.	
	(d)(iii)	0.02m ²	31 sq.ins.	
		2 m	79 ins.	
	(d)(iii)(3)	0.6m	24 ins.	
	(i)(ii)	5m	16 ft.	
27	(c)	2 mm	1/8 inch	
		1.5mm	1/17 in.	
	(d)	2.5 mm	1/10 in.	
28	(b)(i)	14 m	46 feet	
30	(a)(i)	10 m	33 ft.	
	(h)(i)	0.45 m	18 ins.	
	(c)(iv)	2 m	6 ft.	
		0.25 m	10 ins.	

32	(g)(iii)	136 litres	30 galls.	135 litres
	(h)		500 bhp	
	(h)(iii)	45 litres	10 galls.	
		10 m	33 ft.	
	(i)(i)	45 litres	10 galls.	
	(i)(ii)	10 m	33 ft	
	(m)(i)(2)	80 m	262 ft.	
33	(a)(i)	60°C	140°F	
		43°C	110°F	
		rise of 10°C	18°F	
	(a)(ii)	1.8kg/cm ²	25 lb/sq.in.	
40	(a)(iii)	2.54mm	1/10 in.	2.5 mm
47	(g)(ii)	136 litres	30 galls.	135 litres
	(h)		1,000 bhp	
	(h)(ii)	45 litres	10 galls.	
			1,000 bhp	
	(j)(i)(2)	80 m	262 ft.	
49		43°C	110°F	
52	(c)(i)	30 m	100 ft.	
	(g)(ii)	9 litres	2 galls.	
		45 litres	10 galls.	
	(h)		1,000 bhp	
	(h)(ii)	45 litres	10 galls.	
55	(a)	60°C	140°F	
56	(a)	25,000 metric tons		
	(c)	2 m		
	(e)	3 m		
	(f)	5 m		
57	(b)(ii)	14 m		
	(b)(vi)	2 mm		
		105 mm		
	(c)(ii)	5 m		
60	(a)&(d)	100,000 metric tons		
		50,000 metric tons		
61	(c)(i)	0.6 litres/min/m ²		
		6 litres/min/m ²		

68	(c)	0.02 m ²	31 sq. ins.	
	(c)(i)	0.02 m ²	31 sq. ins.	
		0.075 m ²	116 sq. ins.	
		457 mm	18 ins.	
	(c)(ii)	0.075 m ²	116 sq. ins.	
70	(d)(i)	20 m	65.5 ft.	
	(d)(v)	300 m ²	3,200 sq. ft.	
77	(a)	20 m	65.5 ft.	
		13.73 m	45 ft.	14 m
