‘Vision'

RG-65 Class Yacht

By

Mark Dicks

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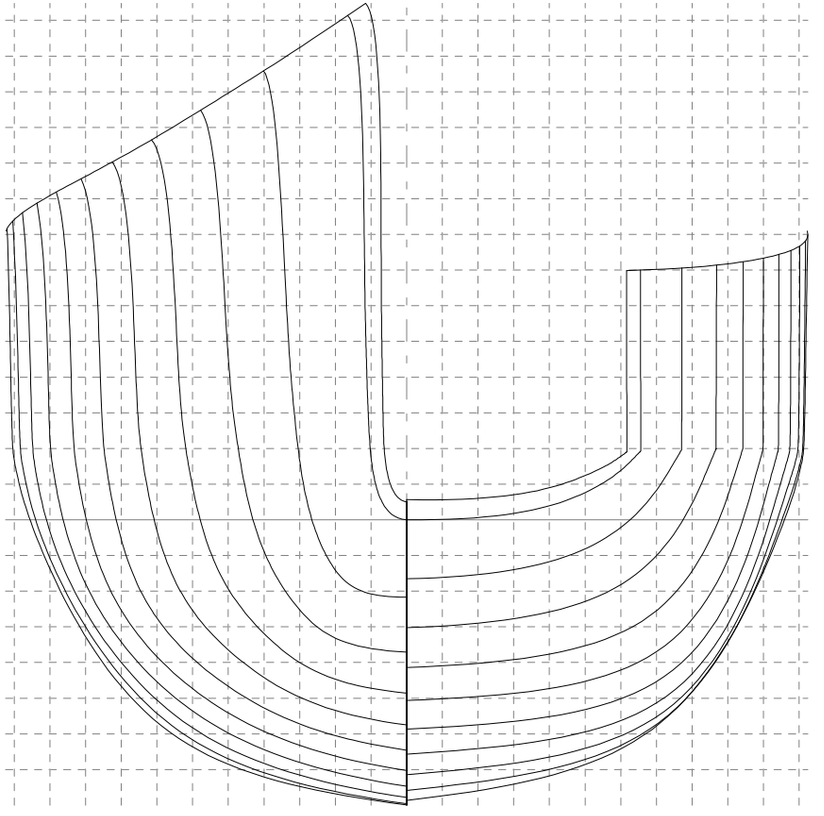

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Notes: Loaded from IGES file

Device: CutePDF Writer
Date: 19-Nov-2015
Designer:

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metres

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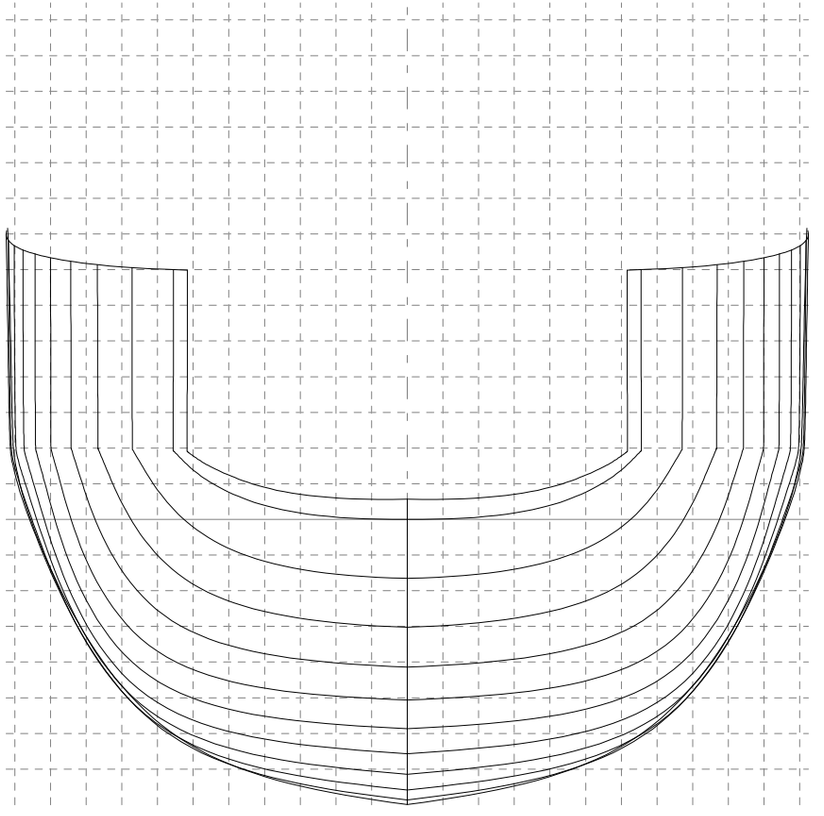

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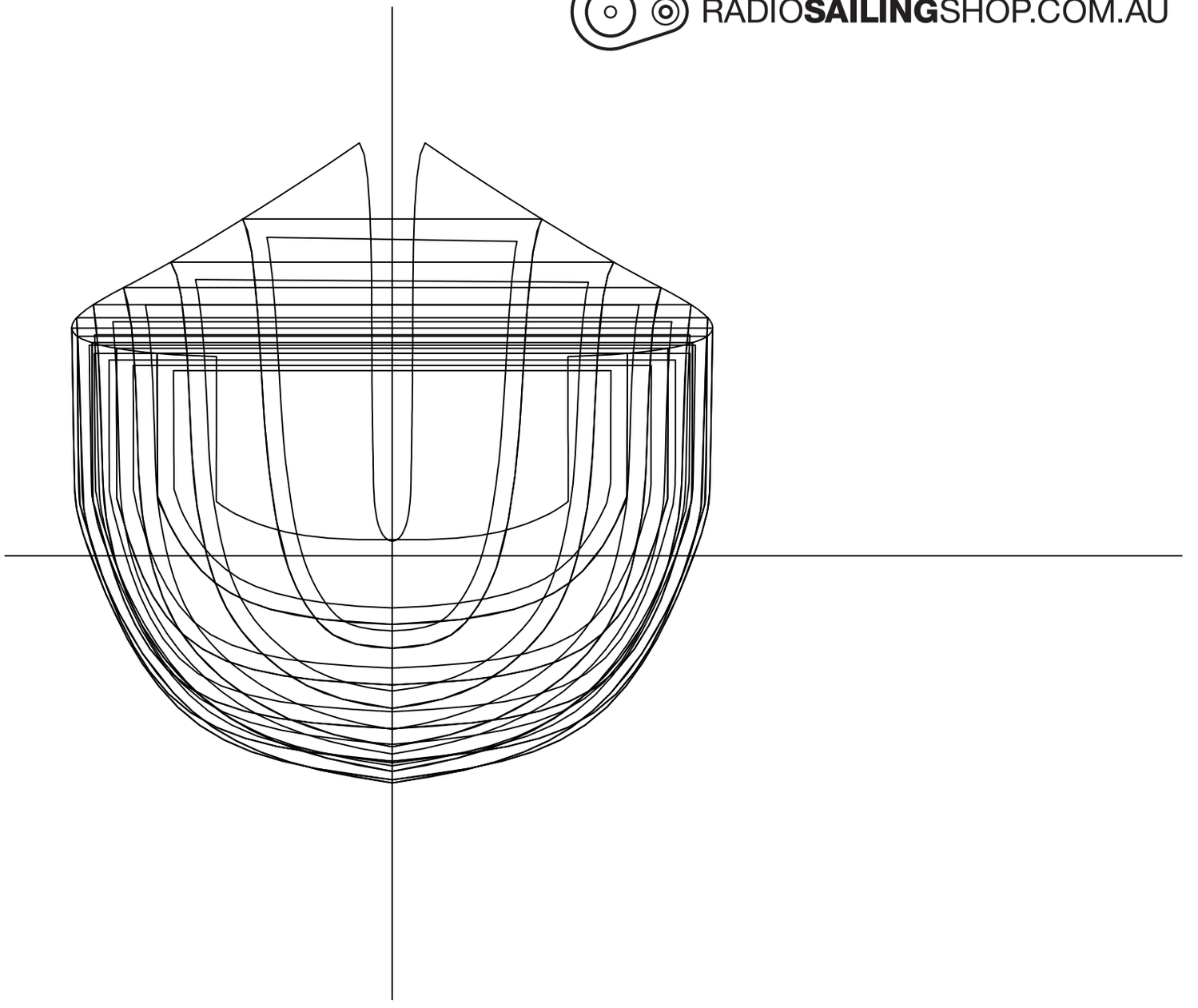

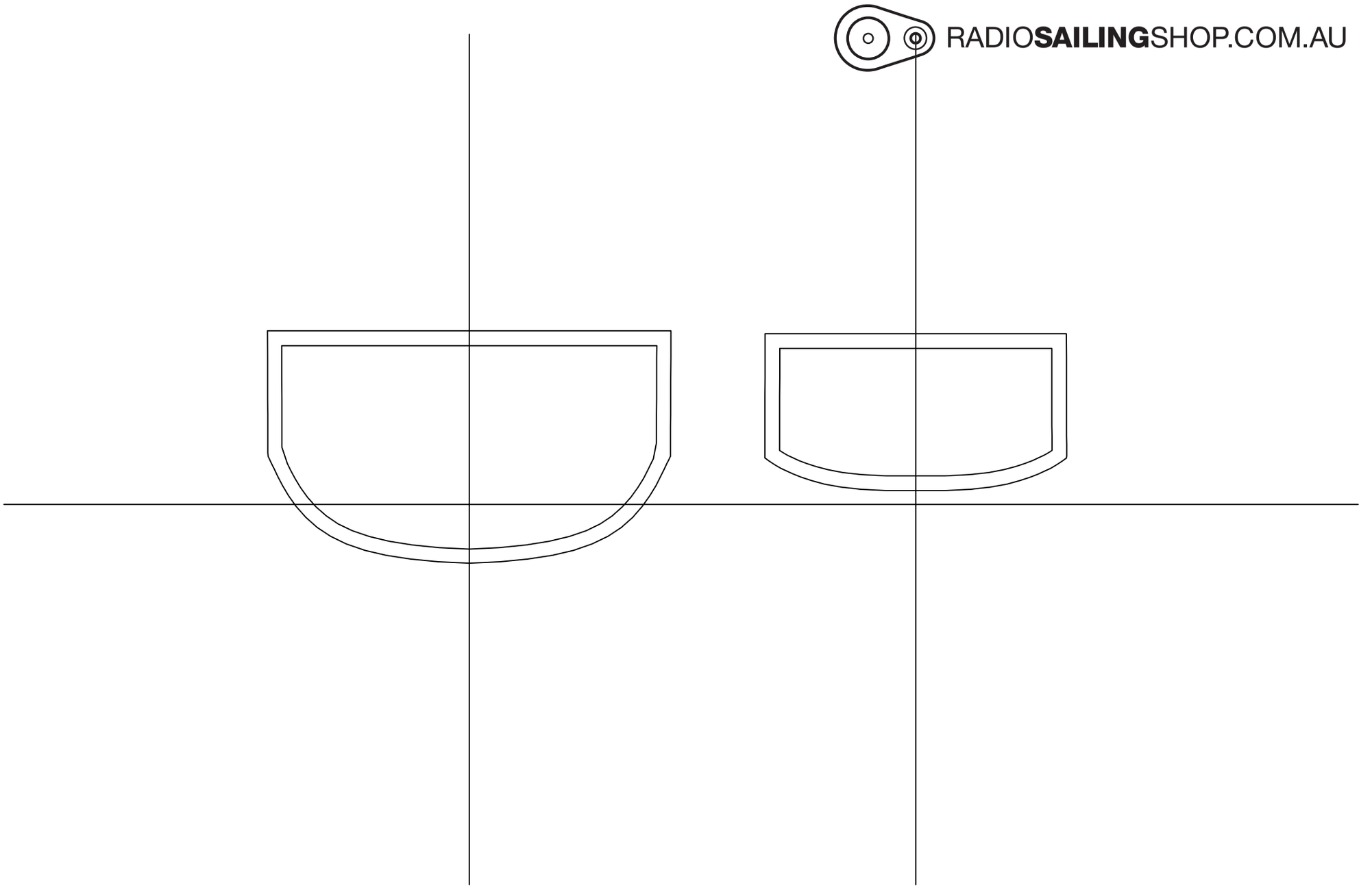
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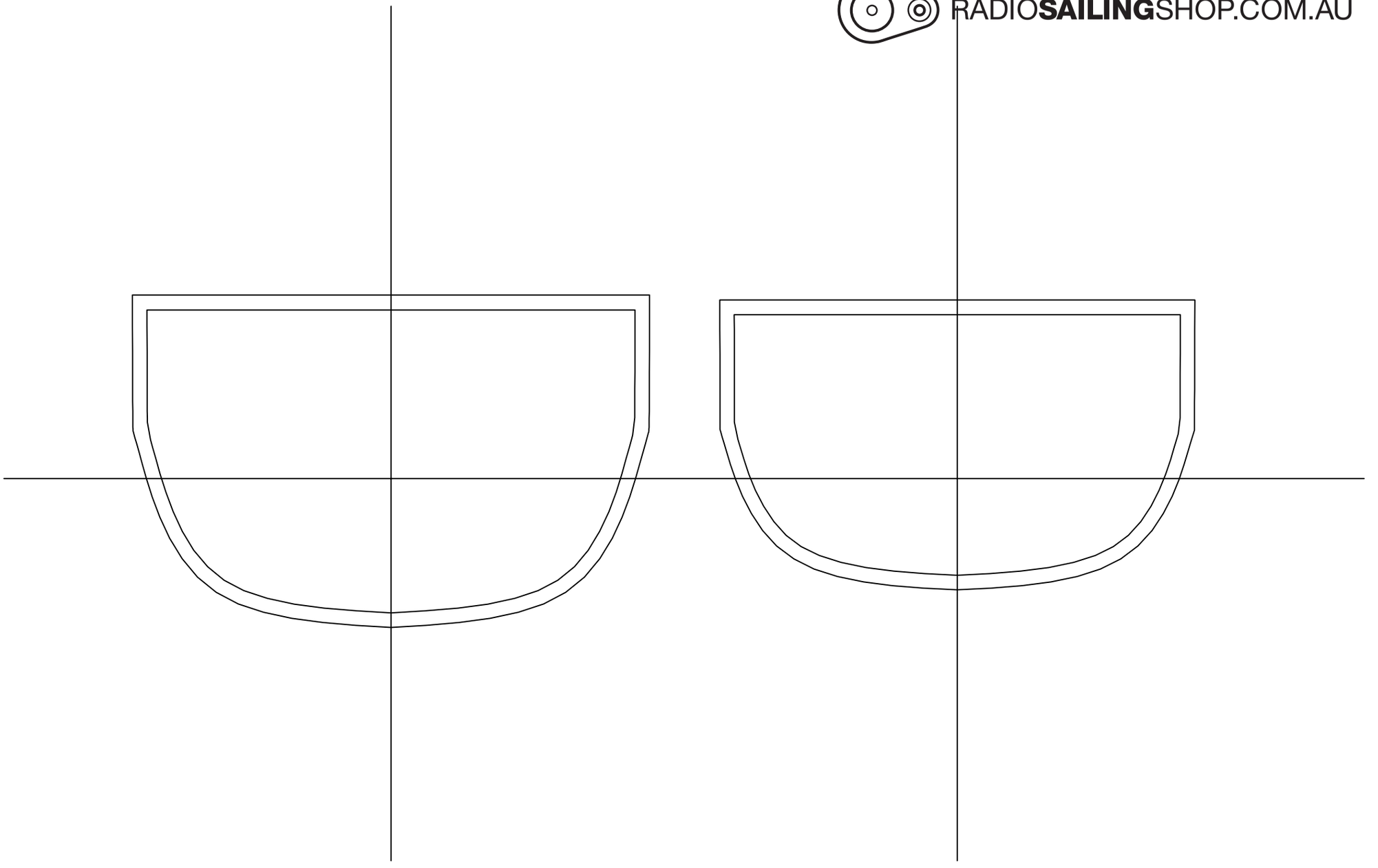

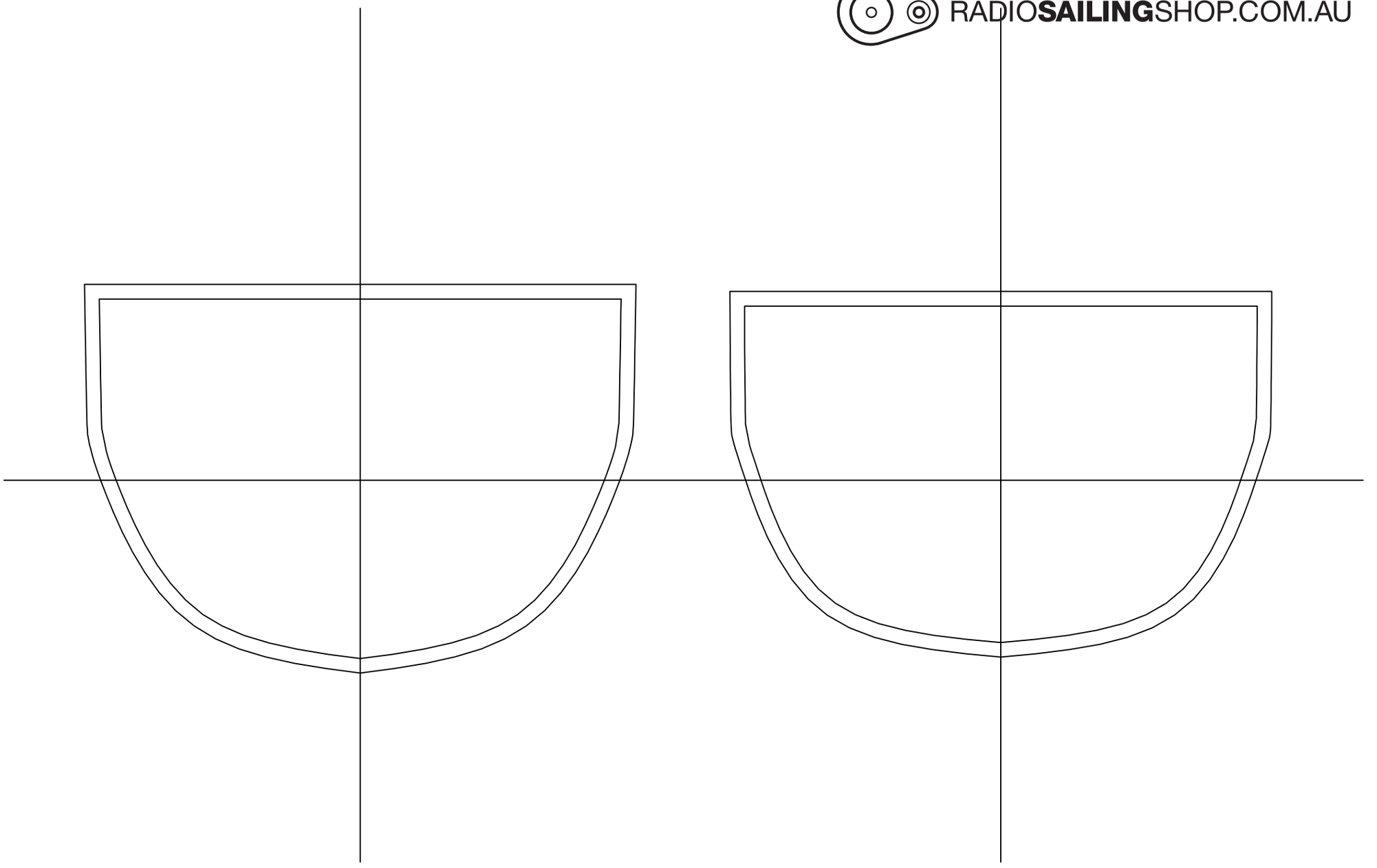
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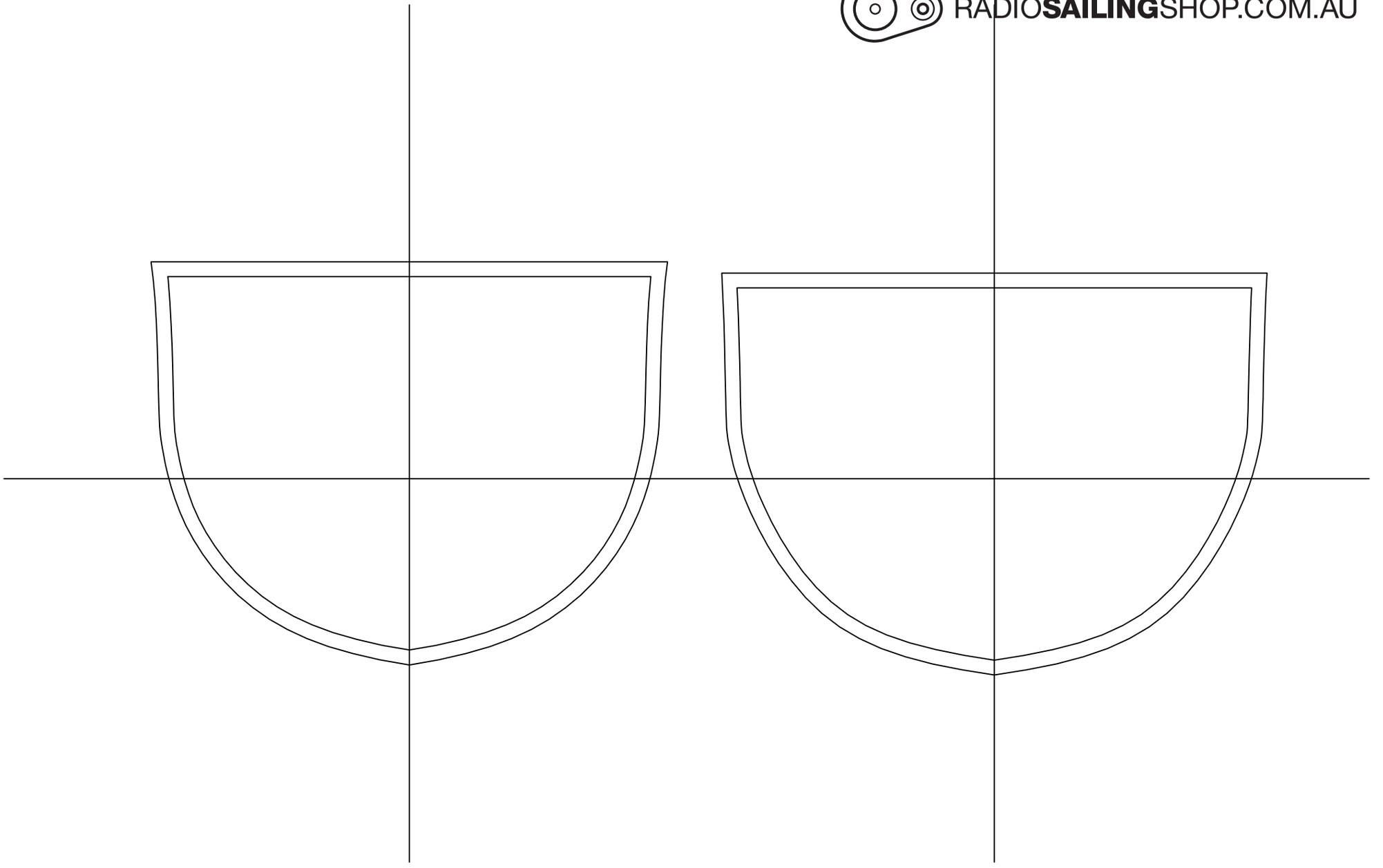
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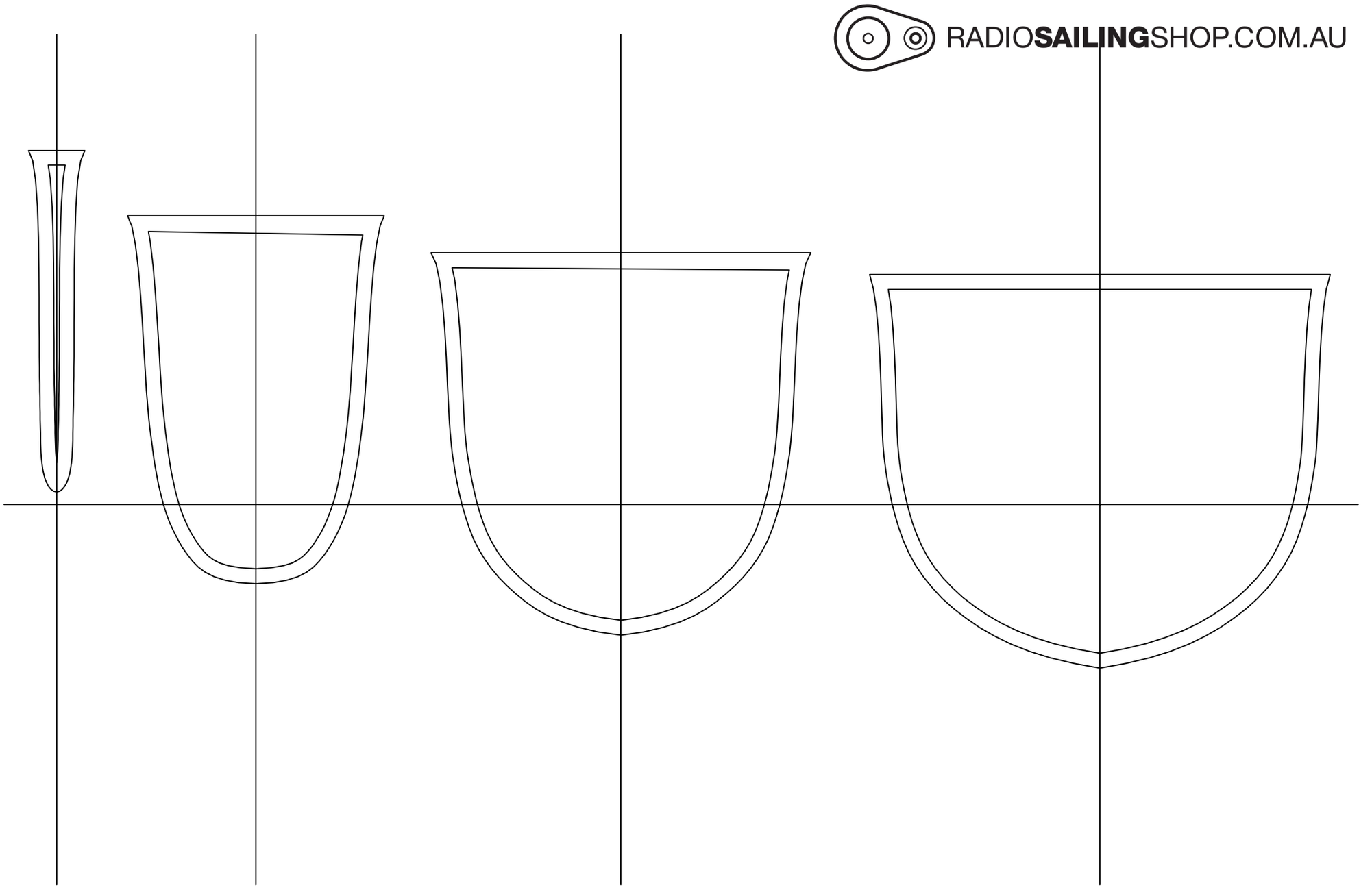
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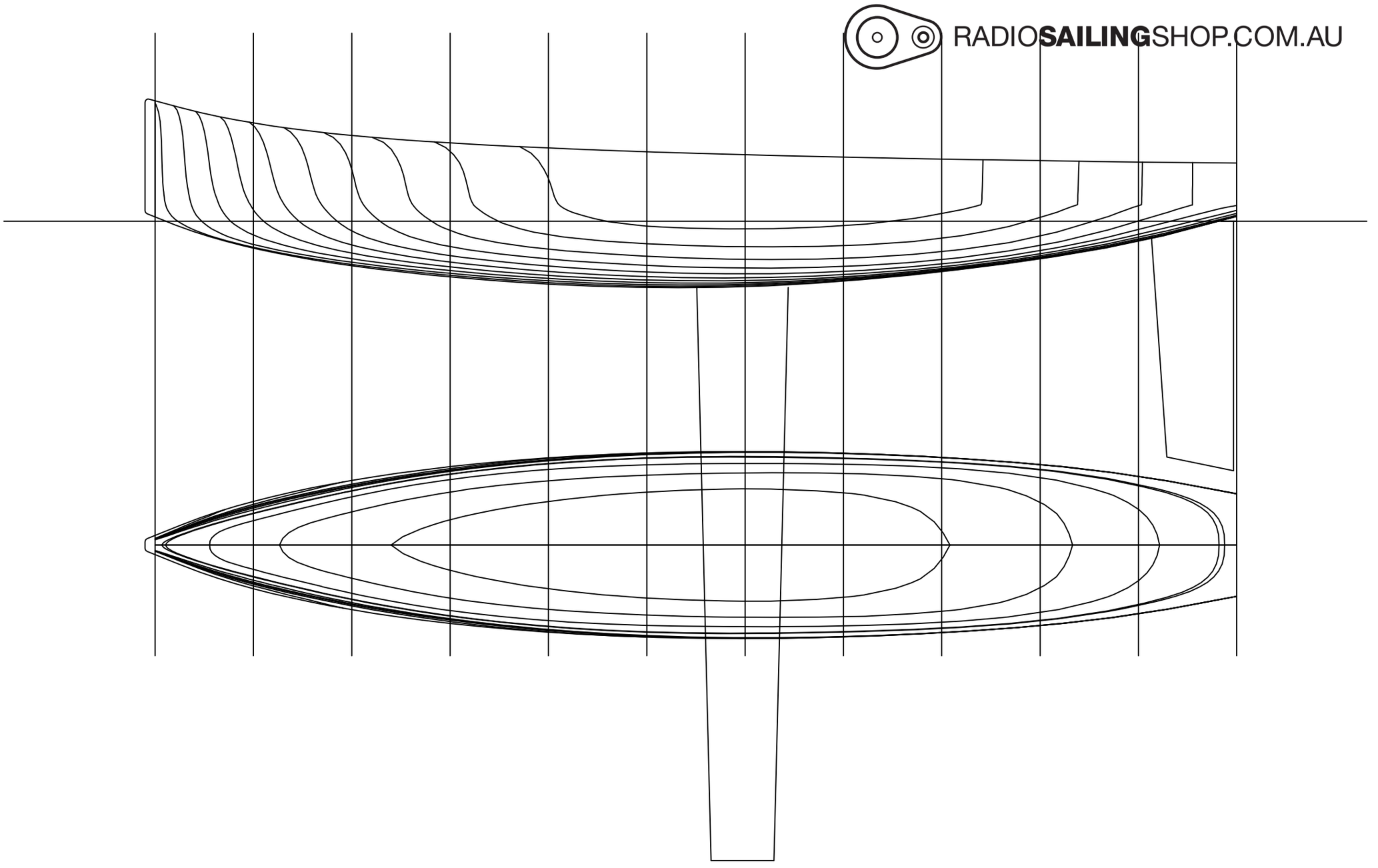
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-- Particulars ----------

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-- Hydrostatics ----------

Loa	= 0.65m	Lwl	= 0.6338m	Lref	= 0.6338m
Bext	= 0.11242m	Bwl	= 0.10589m	T	= 0.04m
Ffp	= 0.07068m	Fmid	= 0.04082m	Fap	= 0.035m
L/B	= 5.98515	B/T	= 2.64737	D/T	= 2.81016
Amid	= 0.00315sq.m	Cmid	= 0.743		
Awp	= 0.05182sq.m	Cwp	= 0.77217	LCF	= -3.8124%
Alat	= 0.0175sq.m	Clat	= 0.69027	LCLA	= 1.17914%
WSA	= 0.06838sq.m	Cwsa	= 0.7537	LCwsa	= -2.3655%
Vol	= 0.0012cu.m	Cvol	= 4.71903	LCB	= -1.8318%
Cp	= 0.60232	Cb	= 0.44753		
It	= 0.00004qu.m	BMt	= 0.03046m	VCB	= -0.0141m
dVol	= 5.30143%	dLCB	= -0.4845%	Leff	= 0.67963m
Disp	= 1.23112kg	iE	= 15.9179deg	Beff	= 0.11562m
Sink	= 0.0m	Trim	= 0.0deg	Teff	= 0.04437m

-- Centre of gravity ----------

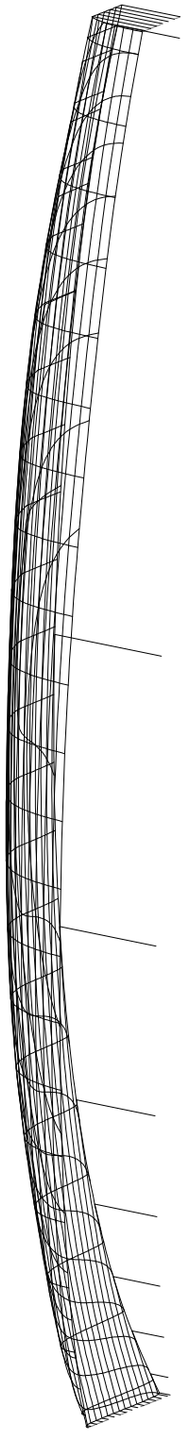
Item	Area/Vol	Density	Mass	Lx	Lz
Hull	0.12784			0.31751	-0.0005
Deck	0.05864			0.34616	0.04217
			---	---	---
			0.0	0.0	0.0

-- Foil geometry ----------

Tktt	= 0.0m	Tsr	= 0.0m		
Aktt	= 0.0sq.m	Asr	= 0.0sq.m		
Att	= 25.0%	Ar	= 100.0%		
ESRktt	= -0.09	ESRsr	= -0.09	ESRh	= -0.12
IDFktt	= 1.0	IDFsr	= 1.0	IDFh	= 1.0
LFFktt	= 0.0%	LFFsr	= 0.0%	LFFh	= 0.0%
TCRktt	= 0.1%	TCRsr	= 0.12%		
TRktt	= 0.75	TRsr	= 0.75		
tektt	= 5.4deg	tesr	= 6.7deg		
SPktt	= 15.0deg	SPsr	= 5.0deg		
SPHtt	= 4.0deg	SPHr	= 0.0deg		
Lbulb	= 0.0m	Dbulb	= 0.0m	Sbulb	= 0.0sq.m
LFFbulb	= 0.0%	FFbulb	= 1.04		

-- Calculation options ----------

Np	= 100	Ns	= 20
Heel	= 22.5deg axial	Href	= 0.0m
Vol. tol.	= 0.05%	Angle tol.	= 0.0005deg
Auto trim: Enabled		Long. origin: Bow	
WSA method: Facet summation		Integration method: Simpson	
Wave method: Pratt		Viscous method: ITTC	
Density	= 1024.7kg/cu.m	Viscosity	= 1.05e-6sq.m/s
Gravity	= 9.80665m/s/s		



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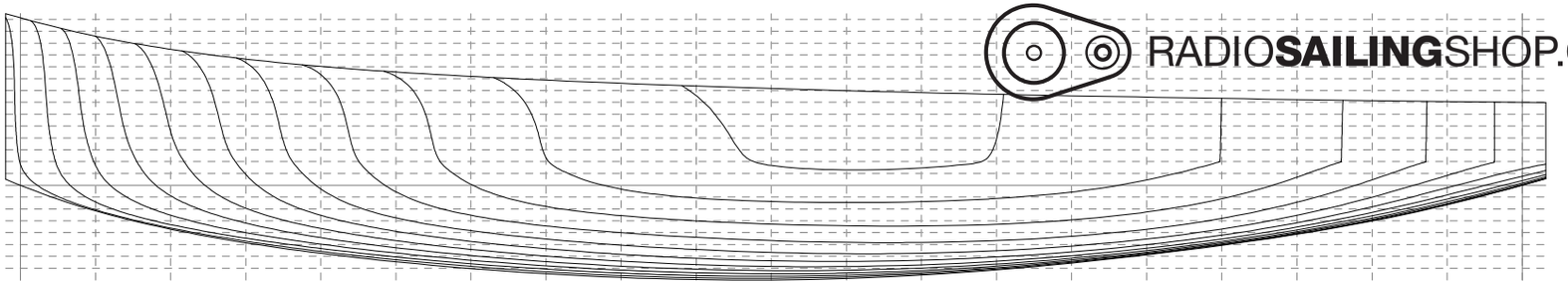

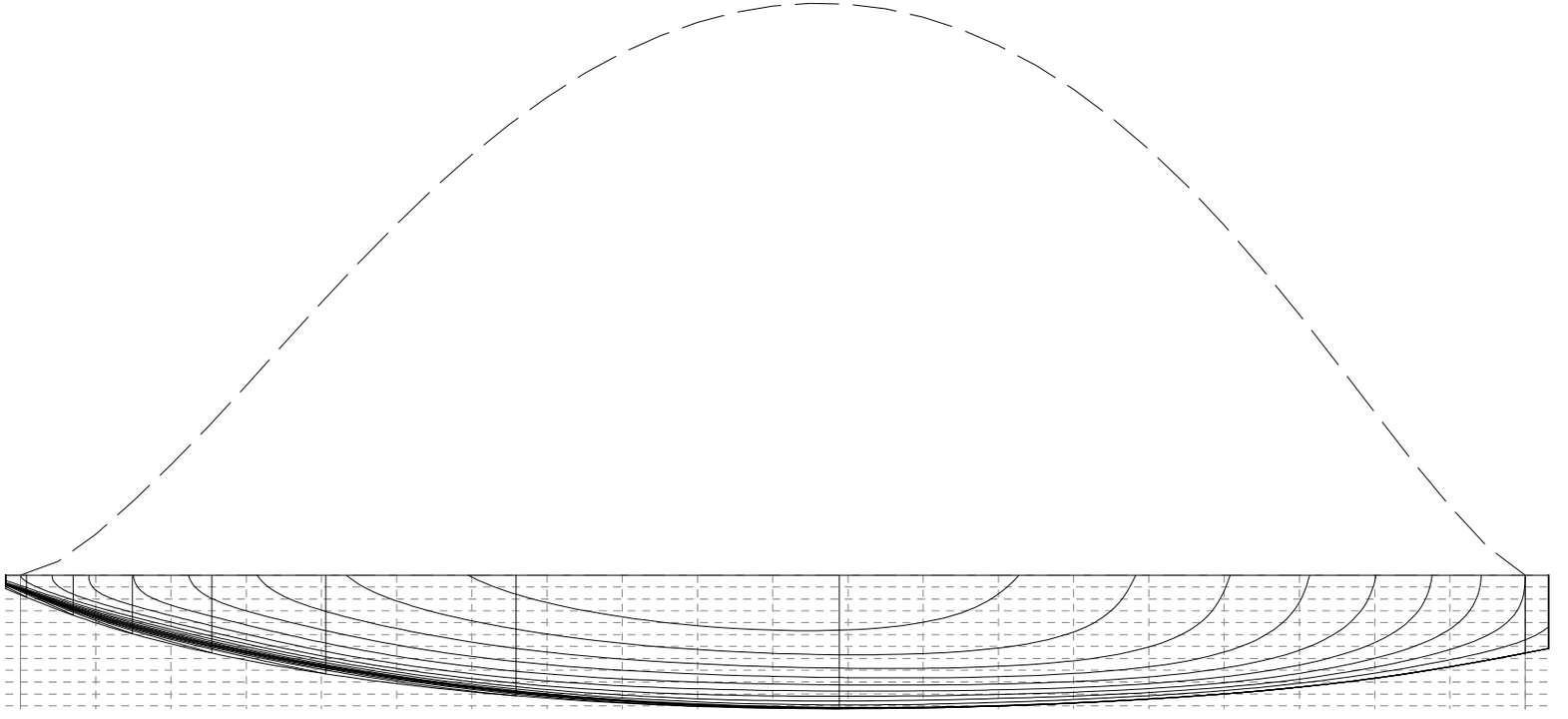

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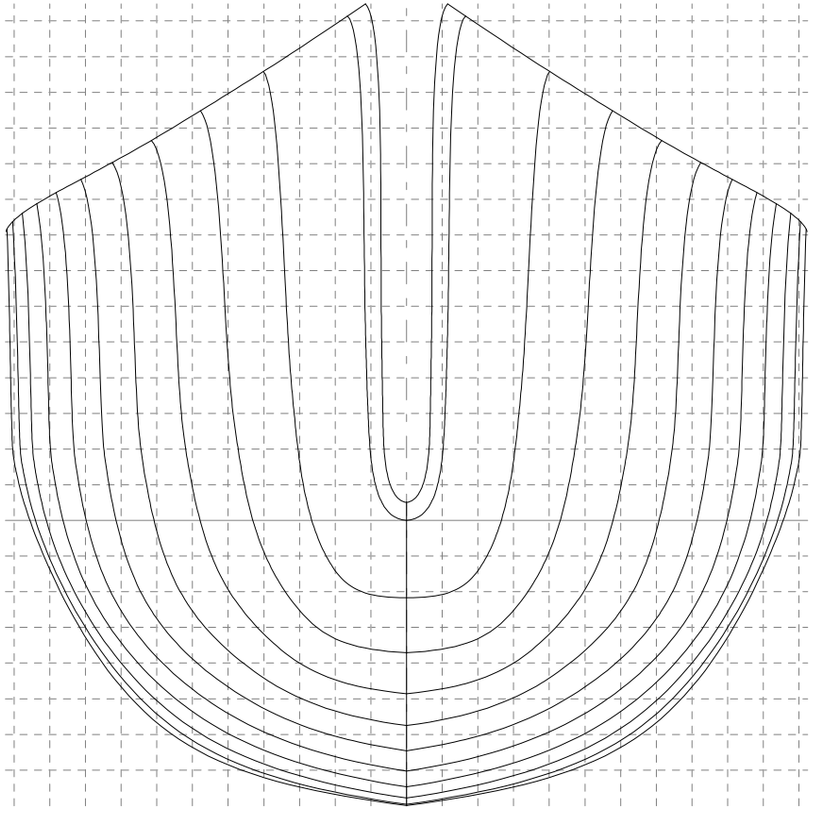

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