

MAXIMUM VCG vs. DISPLACEMENT																				
Heeling moment is present from: 80-knot wind using 0.5 m. bands																				
LCG = 0.000																				
Inclination axis rotated Aft 75.00 degrees																				
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Distances in METERS.	Specific Gravity = 1.025.	d = degrees.																		
LIM	STABILITY CRITERION	Min/Max																		
(1)	Area from abs 0 deg to abs 20	> 0.1596 m.-Rad																		

The above uses a fixed 75-degree axis at all drafts.

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The above varies the axis according to draft.

MAXIMUM VCG vs. DISPLACEMENT

Heel direction: Positive

Heeling moment is present from: 80-knot wind using 0.5 m. bands

LCG = 0.000

Axis selection is variable for minimum ascent

Displacement		Margin	
METRIC TONS	Axis	Max VCG	LIM1
5,412.01	varies	23.998	0%
7,216.01	varies	16.787	0%
9,020.01	varies	11.132	0%
10,824.01	varies	6.516	0%

Distances in METERS.

Specific Gravity = 1.025.

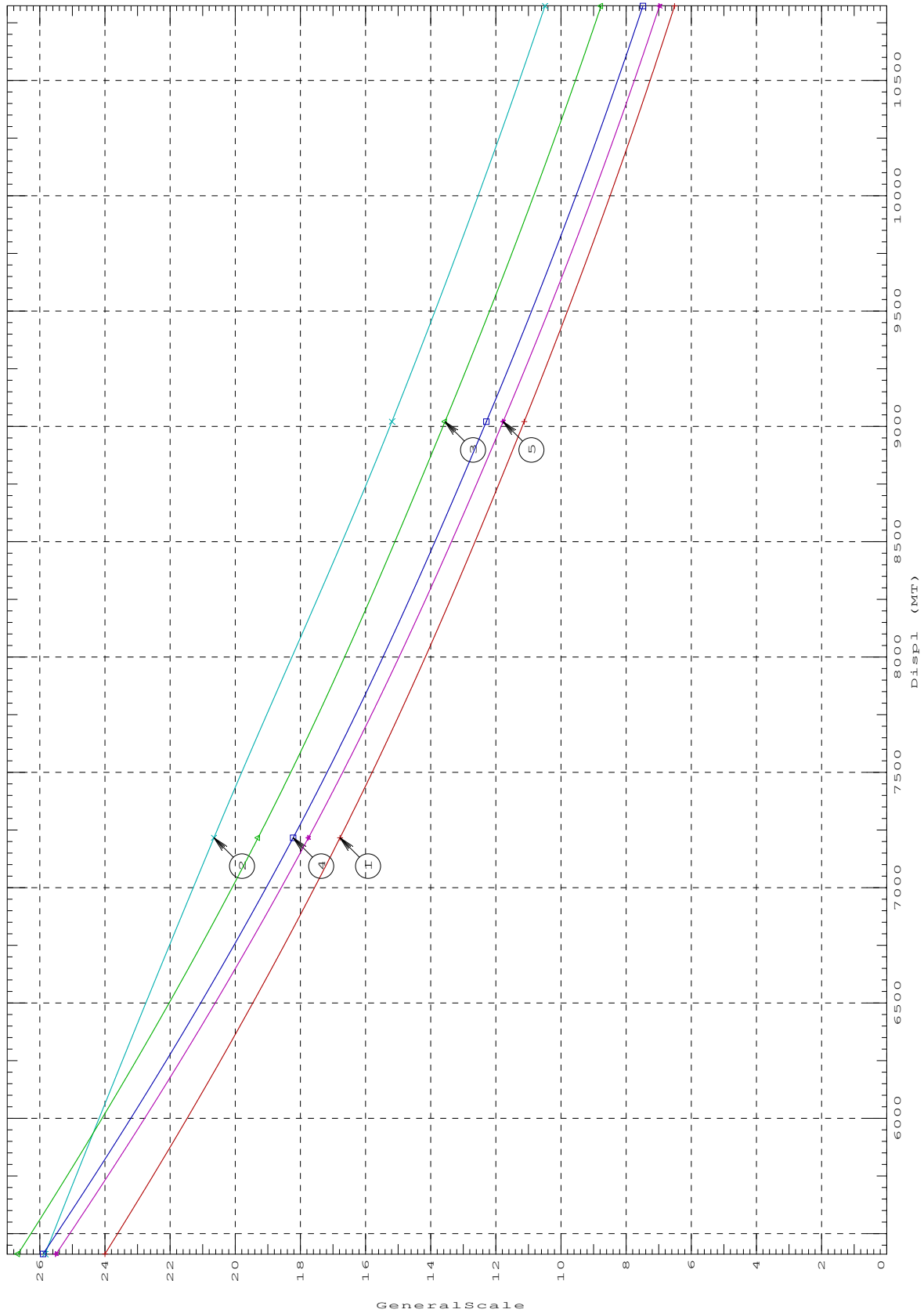
d = degrees.

LIM	STABILITY CRITERION	Min/Max
(1)	Area from abs 0 deg to abs 20	> 0.1596 m.-Rad

The above varies the axis according to draft and heel.



Max VCG vs Displacement



- ① Variable axis
- ② Axis = 45
- ③ Axis = 60
- ④ Axis = 75
- ⑤ Axis = 90