


BOAT NUMBER	
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RULE 18	PHANTOM SAIL MEASUREMENTS	Version 3 Nov '10
Each Phantom sail shall be measured by an official measurer and if it confirms with the following rules, then they shall sign and date it at the tack		
18.1	No measurement across the headboard shall exceed 220mm	
18.2	The straight leech measurement taken from the top forward corner of the headboard to the clew including roping shall never exceed 6220mm	
18.3	Width of the mainsail to be no more than :	
	At quarter height 2585mm	
	At half height 2025mm	
	At three quarter height 1235mm	
	The maximum droop of loose footed mainsails shall be 220mm. Measure from a line joining the two centre of the clew and tack cringles, when the sail is laid flat.	
	<p>Cross measurements shall be determined as follows :-</p> <p>The mid-point of the luff shall be determined by folding the sail upon itself with the highest point of the headboard nearest the luff, placed over the lowest edge of the luff nearest the foot of the sail below the tack. The mid point of the leach (after edge of the sail) shall be determined with the highest point of the headboard nearest the luff, placed over the lowest point of the sail directly under the centre of the clew cringle.</p> <p>The half cross measurement shall be the distance between the mid-point of the luff and leech with the sail laid flat with just sufficient tension to remove crinkles with the bolt rope included.</p> <p>Quarter way measurement shall be determined by a similar method, by folding a second time.</p> <p>Where difficulty is experienced in deciding the half, quarter and three-quarter heights on the luff, the sail should be set on the spars and those points decided by measurements.</p>	
18.4	The mainsail shall have 4 battens, which shall divide the aft edge of the sail into equal parts, plus or minus 50mm.	
	The top batten pocket shall not exceed 1130mm in length	
	The three lower battens shall not exceed 915mm in length	
	The top batten pocket centre line extended, if necessary, shall intersect the aft edge of the bolt rope at a point no more than 1370mm measured in a straight line from the head, with sufficient tension to flatten the cloth adjacent to the luff rope.	
	If a previously measured sail is reduced in area at least 4 years after measurement, then the first paragraph of Rule 18.4 need not apply below the bottom batten.	
18.5	The Phantom Class insignia and Class number shall be displayed on both sides of the sail. The official insignia artwork supplied by the Association MUST be used. Overall height – 500mm; overall width – 481mm. Colour strongly contrasting to the sail material	

SAILMAKERS NAME		SAILMAKERS SAIL NUMBER	
MEASURED BY		DATE	