

# OCEAN SAFETY IRC Measurement worksheet

**THIS IS NOT THE APPLICATION FORM.** This sheet is to help you get the relevant measurements together to enter into the EXCEL application form (see panel, left).

Please obtain the EXCEL spreadsheet application form from your Rule Authority (see list on page 64)

**PLEASE NOTE EXPEDITED PROCESSING FEE –  
GET YOUR APPLICATION IN EARLY!!!**

	Description	IRC Abbrev.	ORC Equivalent*	Measurement to input on application form
S	Year first boat to this design launched	Series date	Series date	
	Launch year of boat, in current hull configuration	Age date	Age date	
	<b>HULL</b>			
S	Length of hull	LH	LOA	
S	Bow overhang	BO	n/a	
S	Stern overhang	SO	n/a	
S	Height of transom from water	Y	n/a	
S	Height of forward knuckle	H	n/a	
S	Forward knuckle to waterline	X	n/a	
S	Maximum boat beam	Beam	MB	
S	Boat weight		DSPM-2%	
	or Sailing Displacement if empty weight not available			
	Internal ballast		Meas. Inventory	
S	Maximum draft		DHKO	
S	Centreboard max draft		DHKO+ECM	
S	Minimum draft (lifting keel if not fixed)		DHKO	
S	Wing keel span (for wing keels only)		KEDA	
	Keel bulb weight		n/a	
	Canting keel max static angle of heel		LIST	
	Water ballast kg per side		WBV	
	<b>RIG</b>			
	Mainsail upper limit (measured on mast)	P	P	
	Mainsail outer limit (measured on boom)	E	E	
	Foretriangle base	J	J	
	Forestay length	FL	n/a	
	Spinnaker pole length	STL	SPL + approx	
			50mm	
	Spinnaker tack length (deck or bowsprit)	STL	TPS	
	<b>SAILS</b>			
	Maximum luff length of any headsail	LL max	JL max	
	Luff length of largest headsail	LL	JL of largest headsail	
	Headsail perpendicular (luff to clew)	LP	LPG	
	Headsail half width	HHW	JGM	
	Headsail three-quarter width	HTW	JGU	
	Headail headboard width	HHB	JH	
	Mainsail upper (7/8) width	MUW	MGT	
	Mainsail three-quarter width	MTW	MGU	
	Mainsail half width	MHW	MGM	
	Symmetric spinnaker luff	SLU	SL	
	Symmetric spinnaker leech	SLE	SL	
	Symmetric spinnaker foot	SF	SF	
	Symmetric spinnaker half width (must be at least 75% SF)	SHW	SMG	
	Asymmetric spinnaker luff	ASLU	SLU	
	Asymmetric spinnaker leech	ASLE	SLE	
	Asymmetric spinnaker foot	ASF	ASF	
	Asymmetric spinnaker half width (must be at least 75% SF)	ASHW	AMG	

S – For production boats where we hold standard hull data (see list on website), these measurements are not required for non-Endorsed certificates. All other data is required in all cases. \*Please e-mail or fax a copy of the latest ORC or other rating certificate, and the Measurement Inventory if available. Items marked 'n/a' are not shown on the ORC certificate.