	Section K – Paralympic Class	VERSION 2.4mR-K-2011-10-08

K 1 **SCOPE**

The rules in this Section K shall apply to 2.4mR boats competing in events ruled by IFDS like the Paralympic Regatta, the World Championships for disabled sailors etc. The rules are additional rules to those in Sections A – J, and shall be read in conjunction with them.

This Section K will only apply when it is referred to in Notice of Race and Sailing Instructions.

K. 2 **CERTIFICATE**

In addition to B.1.1 the **boat** shall have a separate certificate according to the rules in this section K and according to a separate Measurement Form.

K. 3 **BOAT**

K. 3.1 WEIGHT

(a) The weight in C.5.1 shall be minimum 253kg and maximum 254kg and may exclude the weight of the seat.

(b) The location of the centre of gravity of the **boat** when its water line is horizontal shall be within 21mm aft of the 0,55 x LWL section and 34mm forward of the same section.

K. 3.2 BALLAST

(a) The weight of the lead **ballast** in the keel including equipment specified below and placed in the keel whilst racing shall be maximum 181kg. Equipment that is not included in the ballast weight is one electrical pump weighing not more than 0.400kg, one manual bilge pump made of plastic and hoses made of plastic.

(b) All equipment made from metal denser than aluminium alloy, not used for construction purposes, shall be regarded as **ballast.**

K. 3.3 CORRECTOR WEIGHTS

(a) **Corrector weights** of lead shall be installed when the **boat** weight is less than the minimum requirement. The **corrector weights** shall be securely fixed and placed according to (b).
(b) **Corrector weights** shall be placed in the cockpit area above the floor, and such that the requirements in C.5.1 are met.

K. 4 **HULL AND DECK**

K. 4.1 MOULDS

The hull and deck shall be built in moulds made according to the Norlin Mark III design and by builders licensed by the designer Peter Norlin or with his permission by the ICA. No changes, fairings etc are allowed on the outside of the hull and the deck except when needed for special equipment for disabled sailors e.g. peter boom.

K. 5 **ASSEMBLED HULL**

K. 5.1 FITTINGS AND EQUIPMENT

The **foretriangle base J** in D.9.1 (a) (3) shall be 1560mm.

K. 5.2 DIMENSIONS

In order to check that the two halves of the hull shell and the deck are correctly assembled to each other the following measurements shall be controlled:

Beam of **hull** at **sheerline**	Minimum	Maximum
At a section 430mm from the stem head (L1 station)	244mm	254mm
At a section 2185mm from the stem head (0.55LWL)	801mm	809mm
At a section 3525mm from the stem head (L1 station)	533mm	543mm
Chain girth, at a section 2185mm from the stem head (0.55 LWL). Girth taken from the **sheerline** on one side round the keel and up to the **sheerline** on the other side	2740mm	2752mm
Clearance to templates at:	Minimum	Maximum
Stem at a section 430mm from the stem head (L1 station)		
Template placed perpendicular to the stem line	0	2mm
Underside of keel at a section 2185mm from stem head (0.55LWL)		
Template placed vertically	0	2mm
Fore side of keel 500mm above underside		
Template placed horizontally	0	2mm
Stern centreline 100mm in front of the rudder stock		
Template placed vertically	0	2mm

K. 5.3	Deleted
K. 5.4	CHECKING THE HULL AGAINST OTHER BOATS Measurement to check the conformity of a boat to the Norlin MarkIII design can be carried through by comparing the boat against a randomly picked reference group of boats. If any measure on the boat being checked differs more than 3mm from the mean of the boats in the reference group, the checked boat shall be referred to the chief measurer who shall give the final ruling. This method shall be used only to check the outside shape of the hull and the keel excluding the deck. If any of the dimensions of the sample are considered to be unusual, all relevant information shall be reported by the ICA to the ISAF.
K. 6	**HULL APPENDAGES**
K. 6.1	RUDDER Dimensions of the rudder shall comply with templates given in the 2.4 One Design Class Rules 2011, Section J, J.1, (5) Rudder templates, Drawing J6.
	RIG
	BOOM The **Outer point distance** in C.8.3 (a) shall be maximum1960mm.
K. 7	STANDING RIGGING, DIMENSIONS The fore triangle base in C.8.4. (a) shall be maximum 1560mm.
K. 7.1	MAST DIMENSIONS Amendment to F.3.4 **Lower point** to **upper point** shall be maximum……..4650mm
K. 7.2	WHISKER POLE DIMENSIONS Amendment to F.5.2
K. 7.3	**Whisker pole length** shall be maximum ……2106mm
K. 7.4	**SAILS**
	MAINSAIL DIMENSIONS Amendment to G.3.4 maximum **Half width** ……..1333mm

	Three-quarter width ……..…804mm
K. 8	**Upper width** ……372mm
K. 8.1	DIMENSIONS OF STANDARD HEADSAIL, 110% OF J
	Amendment to G.4.4. maximum
	Foot length ……..…1716mm
	Three-quarter width ……437mm
	Half width ……...…..827mm
K. 8.2	DIMENSIONS OF PETER BOOM HEADSAIL, 95% OF J
	Amendment to G.4.5 maximum
	Foot length ……..…1482mm
	Three-quarter width ……468mm
	Half width ……..……850mm
K. 8.3	