

International 2.4mR Class Association, Technical Committee

$$R = (L + 2d - F + \sqrt{S}) / 2.37 = 2.4$$



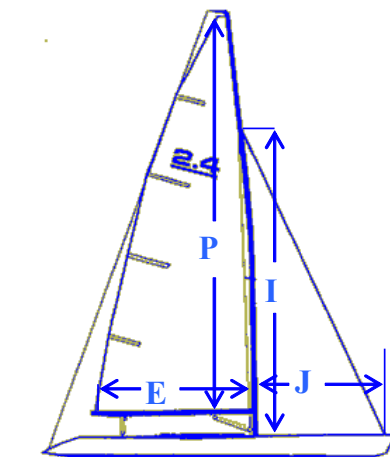
2.4mR TC ADVICE 2026

2.4mR MAST SETUP

GUIDE TO SETUP A 2.4mR MAST USING MAXIMUM 2.4 NOD CLASS RULE VALUES

The I dimension (3750mm) is the critical starting point for mast setup. I suggest that 3750mm (not 3730mm) is used to maximise the height of the mast above the deck. The forestay rigging point is usually the bottom of the hook terminal slot - refer to ERS F.2.3 (e) MAST DIMENSIONS for other ways. As the hook terminal slot is a fixed position on the mast always use this as the starting point for mast setup.

- Step 1 Measure 3750mm (I) down mast from the bottom of the forestay hook terminal slot, mark position on mast temporarily with a marker on tape (this is the **mast datum point**).
- Step 2 Using a centre punch mark the **mast datum point** on the centre of the mast.
- Step 3a Measure 5000mm up the mast from the **mast datum point** to fix the mast **upper point** - mark position on mast temporarily with marker on tape.



- Step 3b Measure 4650mm (P) down the mast from the mast **upper point** to fix the mast **lower point** – mark position on the mast temporarily with marker on tape.

*NOTE: Check that the mast **lower point** is below the top of the boom when the boom is square to the mast – if not OK you may need to adjust boom fixing and re-check.*

- Step 4 Trial fit the mast in the boat and check that the **mast datum point** is at or below the **deck measurement point** (in 15mm from the hull sheerline and up 36mm from the deck) – if below the deck measurement point OK – if above the deck measurement point then measure the distance and cut the mast butt to the correct length. If the mast is cut down reinstall the mast and re-check that the **mast datum point** is below the **deck measurement point**.

NOTE: New masts are usually supplied up to 20mm too long and mast steps vary in design, so it is not unusual to have to cut some length off the mast.

- Step 5 Remove the mast from the boat and permanently mark the **lower point** and **upper point** using black vinyl tape. See rule C.9.5(a) limit mark.
- Step 6 Check all other dimensions and weights on the mast to ensure compliance with the class rules.

EQUIPMENT RULES OF SAILING 2025-28, F.2.3 Mast Dimensions

(e) RIGGING POINT *

When **rigging** is attached:

BY HOOK TERMINAL: The lowest point of the hook where it intersects the **spar**, extended as necessary.

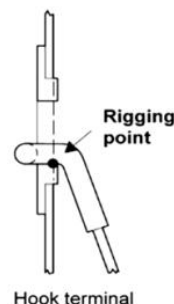
BY TANG WITH THROUGH FIXING: The lowest point of the **spar** through fixing where it intersects the **spar**.

IN OTHER WAYS: The intersection of the outside of the **spar**, extended as necessary, and the centreline of the **rigging**.

(f) FORESTAY HEIGHT *

The distance between the **mast datum point** and the **rigging point** or the **top point** whichever is the lowest.

Rigging Point



Forestay Height

