x & h measurements

It has come to our attention that there may be some confusion regarding the measurement of x and h. The IRC Measurement Manual (available online at www.ircrating.org) is (initially….!) clear in section 9.4:

Please refer to the attached diagrams before taking any measurements. Before an IRC certificate can be issued, BO, SO, y, x, and h are required for EVERY BOAT.

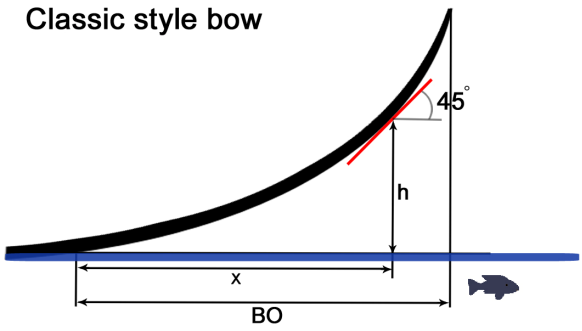
However, later in the same section, we have

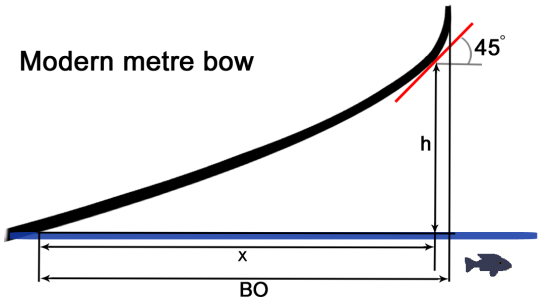
x and h: *If the boat has a flying bow, measure also x and h. The diagrams define the exact measurement points. x can be awkward to measure. h is straightforward once the measurement point has been established. If there is no flying bow, please say so and input 0 figures for x and h*

Clarifying this, the definition of x says:

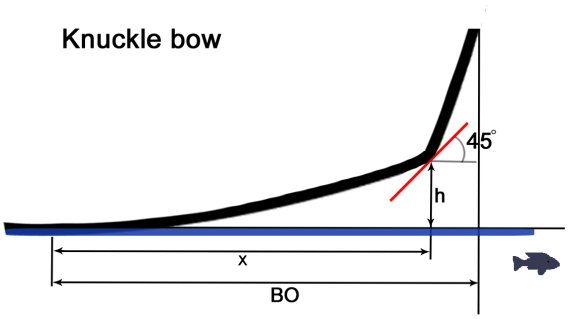
*The horizontal distance between the **waterline** and the lowest point on the stem at a tangent of 45^0 to the longitudinal axis*

So, *any boat* on which the stem leaves the water at an angle of less than 45^0 has a flying bow. This includes boats with 'classic' bow shapes. Please see the diagrams below for guidance.





For the avoidance of doubt, please submit x and h for all boats.
If x and h are zero, then please say so.



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