

# 505 Setup update October 2007

what we and several other teams used very successful in 2003 to 2007 seasons  
and won 2001+2003+2005+ 2006 + 2007 Worlds and 2004 + 2007 Europeans and got consistently  
refined in small development steps for sure a fast and easy to use allround package

**Mast: Super-Spars M2**  
**Sails: Bojsen-Moeller OneDesign**

**BM Sails 1. at Worlds 2005 – 2006 - 2007 3 different teams from 3 nations**  
**BM Sails 1,2,3,4,5,6... at 2007 Europeans and 1,2 etc .at GER Nationals**

## Mast rigging:

Shroud height 4890 above deck

Trapeze position was 4950 is now used as exit hole for trapeze barber system

new trapeze height is 5700 with tweaker system to release always when wire reaching  
spi halyard at 5955 Maximum height

spreader length from side of mast to shroud: 405 in very strong conditions

410 when unsure how to set up for the day half hole out

415 in light to medium is 1 hole out with end plates of spreaders

spreader sweep back measured shroud/shroud to back of track 145 /150 mm (at 410 length)

Mast should have either a hook in T for forstay with adjustment through bow section

or a 2:1 system with block at above jib

definitely not a 1:1 direct jib halyard too much load on box and compression on mast section

main halyard 2:1 with thin 2,5 or 3mm rope or better halyard lock

Mast position in boat : as far back as rules allow which is 3048 backside of mast to back of boat

Position of shrouds: 2615 mm measured from station11 transom corner back edge forward

Mast rake: max. upright position is 7,85 m

Measured with full rig tension (25 measured with SuperSpars Gauge) mast pushed straight by controller  
0 of tapemeasure at underside of top black band

and then measured at underside of hull/transom with tapemeasure running over the transom.

Board: max. length High Aspect gybing board 3 degree gybing angle

stands out of hull 1410 width at hull exit 300mm

This set up with M2 Mast and BM Sails won the 2001 / 2003 / 2005 / 2006 /2007 Worlds and also 2004  
Europeans 4 of these 6 events very clearly and with a race to spare !!

also 2000, 2001, 2002, 2003, 2004, 2005 and 2006 GER Nationals several different teams

2000, 2002, 2003, 2004, 2005, 2006 Kiel Week 3x Hunger /Jess + 2x Lehmann/Schöler + Saugman DEN

and 2000, 2001, 2002, 2003, 2004 and 2005 German Ranking List

and 2005 + 2006 Australian Nationals and 2006 Euro-Cup overall etc..

This setup is now so dominant and agreed by all teams being very easy to use and be fast allround,  
that in 2004 we had 16 out of top 20 at Europeans and also in GER Ranking list using it !!!

at 2005 Worlds 1. + 3. + 6. +7. position with M2 and BM sails

at 2006 Worlds 1. + 5. + 6. + 7. position with M2 and BM sails

at 2007 Worlds 1,2,5,6,7,9,11,12....all with M2 mast

This is just a quick guide very detailed instruction with explaining picss can be found @ [www.int505.de](http://www.int505.de)  
or contact Holger.Jess directly [info@segeljess.de](mailto:info@segeljess.de)