

## Measuring Existing Multihull Rigging for Conversion to Colligo Dux

1. For measurement each shroud should be loose enough to remove the pins if necessary. Each shroud pair must be loosened at the same time, Port and Starboard with the same tension before measuring.
2. At Mast, Measure from thru bolt pin center or LOAD BEARING POINT of Stemball or T fitting. Measure over spreader end, if there is a spreader, to center of pin, where the turnbuckle connects to the chainplate. Please take photos of the endpoints at the mast and chainplate for clarification.
3. When finished with each shroud pair, retighten to their approx. tension before measuring the other shrouds.
4. Note: If rigging is not up at the time of measurement then lay out the rigging with the turnbuckles set at their tensioned position (using witness marks on the threads). Pull the shroud or stay as tight and straight as possible and then measure. Pics of the shroud or stay while measuring will help us.

Additionally, we need to know the following information:

1. Diameter of each Thru bolt thru the mast.
2. Diameter of each pin at the chainplate.
3. For stemballs, the diameter of the head and the shaft as it comes out of its socket is needed.
4. For T fittings, the length and width of the slot in the mast backing plate is needed.
5. Diameter of each shroud
6. Type of rigging: Rod or Wire, If wire, Dyform or 1x19, for each shroud.
7. If Cheeky Tangs are to be used, mast width at each connection point is needed.
8. For Forestays & Backstays we need information about how they connect to the masthead crane and details about those connections, or how they are otherwise connected to the mast. Pictures are great for this.
9. For adjustable Backstays (hydraulic or purchase system) ease off the adjuster so the backstay is just loose enough to disconnect it. Measure the Backstay from upper connections to center of pin at the connection to the Backstay adjuster. The jaw depth and the opening width of the mast crane are needed also.
10. Please take pictures of all existing rigging connections including spreader ends and masthead connections so we can reference them as necessary. This can drastically reduce the number of questions asked over email and telephone.

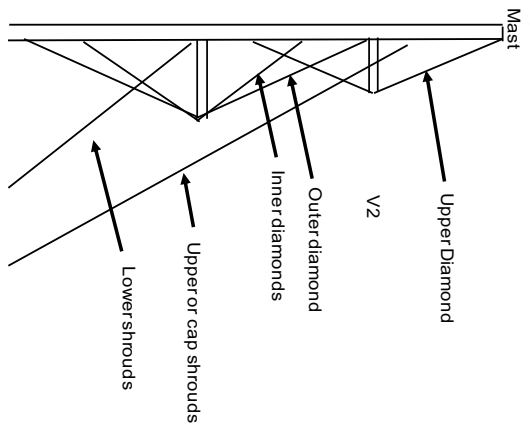
See the attached worksheet and fill out to the best of your ability. We will ask for more information if needed. You might or might not have these stays or shrouds listed, just use them as a guide, ad as needed and leave blank as needed.

Email document to [info@colligomarine.com](mailto:info@colligomarine.com) for a quote.

## Colligo Rigging Descriptor- Modern Multihull

Boat type (Monohull, Multihull)  
 Length Overall  
 Beam Overall  
 Displacement  
 Righting Moment  
 Rig (Circle one)  
 Mast Height from deck  
 Rotating? (Yes/No)  
 Number of spreaders  
 Diamond Stays (yes/No)





Please take pics of mast connections, spreader ends, chainplates, and any other items that could be helpful. We will look this information over and let you know if we need anything else.

Please email this to [info@colligomarine.com](mailto:info@colligomarine.com) for quote.

		Pin to Pin Length (Units)	Size, diameter or number (units)	Type (1x19, Dyform, aramid, PBO, Rod)	Stemball size (Dia)	T Fitting Size	Thru Bolt Size	Chainplate pin Size
Shrouds (Continuous)	Uppers	Port						
		Stbd						
	Lowers	Port						
		Stbd						
	Upper Diamonds	Port						
		Stbd						
Outer Diamonds	Port							
	Stbd							
	Port							
Inner Diamonds	Port							
	Stbd							
Running Backstays	Port							
	Stbd							
Forestay	Port							
	Stbd							

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