

Measuring Existing Monohull 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.
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.

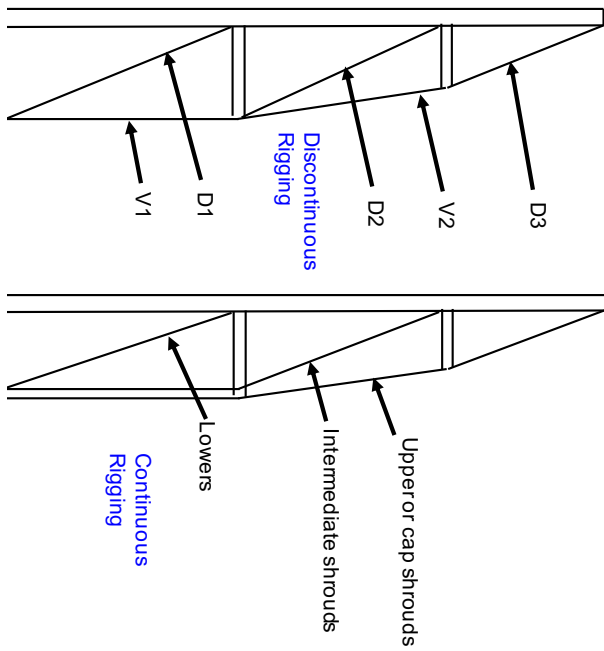
Additionally, we need to know the following information:

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.

Colligo Rigging Descriptor

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



Shrouds (Continuous)	Lowers	Fore Port	Pin to Pin Length (Units)	Size, diameter or number (units)	Type (1x19, Dyform, aramid, PBO, Rod)	Stemball Size (Dia)	T fitting Size (length x width)	Thru Bolt Diameter	Chainplate pin size	
		Fore Stbd								
Shrouds (Discontinuous)	Uppers	Aft Port								
		Aft Stbd								
		Port								
	Intermediates	Sibd								
		Port								
		Sibd								
	V1	Port								
		Sibd								
		Port								
		Sibd								
	V2	Port								
		Sibd								
V3	Port									
	Sibd									
D1	Port									
	Sibd									
D2	Port									
	Sibd									
D3	Port									
	Sibd									
D4	Port									
	Sibd									
Backstay										
Forestay										
Inner Forestay										
Checkstay (Runners)		Port								
		Sibd								

Comments: Make sure tension is correct on both port and Starboard sides before measuring!