***List of Materials –*** *for W22 trimaran 2017-2*

*For construction with wood strips & plywood* ***OR*** *composite foam core*

 *DESCRIPTION QUANTITIES (estimate only)*

 *(A ‘sheet’ is assumed as 8ft x 4ft)* ***WOOD option******FOAM core option***

 *Okoume 6mm Corecell 80 - 12mm*

*Main hull (below knuckle line) ¾” x 3/8” cedar 2100ft incl. scrap \_\_*

 *1” x 12mm foam strips \_\_ 1400 ft - 4 shts*

 *…. balance of Main Hull (Okoume ply BS-1088) 6mm 11 shts Foam 12mm 11 shts*

 *(includes: bhds, upper sides, cockpit, overhangs, cuddy etc)*

*Amas Ama deck: 1000’ more cedar strip OR deck ply) 2 shts \_\_*

 *Sides of 2 amas - Cedar Strips ¾” x 3/8” 2800 ft \_\_*

 *OR Amas of 100% foam core - mostly cut into 300mm wide strips \_\_ Foam 12mm 7 shts*

*Spruce, Pine or Cedar (stringers) 0.20 m3 \_\_-*

*Temporary 30 x 19 pine for ama mold - 90m*

*Temporary MDF/ply sheets for ama mold ¾” thick 4 sheets 4 sheets*

*Hardwood – mahogany 0.04 m3 0.02m3*

*Epoxy resin (plus hardener, fillers) (with amas of foam) 11 galls 18 galls*

*Fiberglass boat-cloth 6 and 9oz 200 sq yds 200 sq.yds*

*Fiberglass biaxial and unidirectional reinforcement 15 sq.yds 15 sq,yds*

*Biaxial and Uni-directional for core skins 75 sq.yds 250 sq.yds*

*Carbon fiber 9 oz. for reinforcements 2 sq.yd 4 sq.yds*

*Paint & Varnish for 3 coats 4 galls 4 galls*

***Materials for CF Wing Mast and Beams are extra. Aside from epoxy resin, they mostly require: UNI carbon, some biaxial cloth & a small amount of rigid foam – Corecell or equal.***

*(Estimate about $1500) April 2017*