

## Design 037 – Cutting List

### Plywood

6mm	5 sheets 1220 x 2440 - Hull skin & bulkheads
9mm	1 sheet 1220 x 2440 - transom, rudder, daggerboard & case

### Solid timber

Mahogany (or similar timber) unless otherwise stated - all finished sizes after planing.

Apron	Timber to provide 8 off 1200 x 80 x 5mm laminates.
Boom (Balanced Lug)	1 off 2750 x 50 x 50 or 2 off 2750 x 50 x 25 Douglas fir or North American silver spruce as for mast.
Boom (Gaff Rig)	1 off 2400 x 50 x 50 or 2 off 2400 50 x 25 Douglas fir or North American silver spruce as for mast.
Centrease logs	2 off 400 x 20 x 30
Centrease posts	2 off 400 x 12 x 20
Centrease stiffeners	2 off 400 x 15 x 25
Cleating	Timber to provide about 7000 x 15 x 15 and 1200 x 15 x 25.
Ends (fwd thwart)	2 off 450 x 200 x 20
Floorboards	12 off 950 x 100 x 15; 2 off 950 x 150 x 15.
Floors	1 off 1000 x 100 x 20; 1 off 800 x 50 x 20.
Gaff (Gaff Rig)	1 off 2200 x 45 x 45 or 2 off 2200 x 45 x 25 Douglas fir or North American silver spruce.
Gunwhale	2 off 3700 x 12 x 40.
Gunwhale cappings	2 off 3700 x 10 x 22
Hog	3000 x 100 x 20
Keel	2 off 3000 x 40 x 25; 1 off 1200 x 40 x 25; 1 off 750 x 40 x 25; 1 off 500 x 40 x 25; 1 off 200 x 40 x 25.

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Knees	12 off 250 x 120 x 20; 1 off 250 x 120 x 25. Timber to provide about 12 off 1500 x 20 and 1 off 1500 x 25 3mm laminates.
Mast (Balanced Lug)	2 off 3600 x 35 x 70. Douglas fir or North American silver spruce.
Mast (Gaff Rig)	2 off 4100 x 35 x 70. Douglas fir or North American silver spruce.
Mast step	400 x 45 x 60
Rowlock chocks	2 off 300 x 30 x 20 (to make four upper chocks) 2 off 300 x 70 x 16 (to make four lower chocks)
Rubbing strakes	2 off 3700 x 25 x 20 - can be replaced by D-rubber fendoff. If timber is used it is usually a contrasting colour - say ash or oak.
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Stem	Timber to provide 10 off 1100 x 40 5mm laminates
Sundry items	These should be able to be got out of spare timber from other items. Some other scrap timber (any type) is useful for wedges, blocks, shores etc. during building.
Thwarts	1 off 1500 x 220 x 20; 1 off 1300 x 180 x 20; 1 off 1200 x 220 x 20.
Tiller	1 off 1000 x 40 x 45 oak.
Tiller extension	1 off 800 x 15 x 25 oak
Yard (Balanced Lug)	1 off 2750 x 50 x 50 or 2 off 2750 x 50 x 25 Douglas fir or North American silver spruce.