

## Penny Fee - 1st draft schedule

### Notes on Hardware Lists

Please note that these lists are offered as a generic guide only. They cannot be definitive, nor absolutely correct for your boat, because in drawing them up, many assumptions on layout and/or materials have been made. These assumptions are merely one of a multitude of other possible solutions, any of which could be considered "correct". In any event, much of the point - and the pleasure - of building your own boat is to engage in the process of making the choices you want to make, so creating the outcome you want.

So it is recommended that you use these lists as a sort of checklist to help you make your own selection, and to get a rough feel for the costs of outfit. Any feedback or comments you may have would be much appreciated.

Known omissions include shackles, fasteners and reefing gear . Not to mention anything else that I have missed.

Category	Item	Description	Part No.	Qty	Notes
Hull	Rudder Gear	Transom Fitting - upper (gudgeon)	HL-2220	1	
		Transom Fitting - lower (pintle)	HL-2254	1	
		Upper rudder strap - (pintle)	HL-2242	1	Plan shows fixed rudder with 2 1/8" width cheeks - could be modified to lifting
		Lower rudder strap - (gudgeon)	HL-2214	1	Use shorter HL-2212 if fixed rudder
		Pivot Bolt	HL-2266	1	5/16" diameter, includes bushes (if lifting rudder used).
	Centreboard pivot	Downhaul line cleat	HL-0095	1	tube cleat (if lifting rudder)
		10 mm diameter, with bushes	HL-2093	1	Uses tufnol end plates. Comes complete with bushes
	Keelband	3/4" wide	HL-0702	15.5	1 length 5' 6", one 10 ft. These lengths will vary if daggerboard is fitted. Please note that for non-UK customers this may be impractical to ship
		1/2" wide	HL-0701	14	2 lengths 3' 6" each side of plate case, 2 lengths 3' 6" on bilge runners if fitted
	Rowlocks	Top Sockets	HL-0002	4	or side sockets HL-0003
		Rowlocks	HL-0001	2	if you are really seriously rowing, you might prefer the 5/8" rowlocks HL-0020
	Mooring equipment	5" handed fairleads	HL-0147	1	i.e. 1 pair - omit if boat to be dry sailed
		5" straight fairleads	HL-0157	2	Mounted on transom?
		6" cleats	HL-1035	2	suggest ash, but teak or bronze would do - if fitted at all
	Buoyancy (requirements will vary with the amount of decking fitted and the type of use intended for the boat)	Small Bow bag	HL-0570	1	45 kg buoyancy, fits forward of lug mast. If sloop rig fitted HL-0571 (136 kg buoyancy) might fit
Pillow bag - 36 x 12		HL-0575	1	68 kg buoyancy, fitted ahead of transom	
Pillow bags - 39 x 9		HL-0576	2	35 kg buoyancy each, fitted under midships seats - 2 more possible under aft seats.	

	Drain Bung	Captive type	HL-0560	1	or 2, one each side of keel.
Rig - Lug Mainsail	Mainsail	Mast Traveller	RG-1111	1	bronze.leathered (or RG-1101 for unleathered
add mizzen for yawl		Head lacing -4mm	RP-0200	5	
		Halyard sheave - 60 mm dia	RG-1484	1	if fitted at all - a dumb sheave might serve just as well
		Halyard - 6mm braided	RP-0201	9	
		Halyard cleat - 5" ash	HL-1034	1	or belay pin in thwart - which is also handy for keeping mast in place. 8" x 5/8" (HL-1050) should do.
		Downhaul - 6 mm braided	RP-0201	2	You can't get this too tight! Leads from thwart to block on boom back down to belay pin.
		Tufnol 8 mm single bow	RG-0510	1	mounted on boom
		Belay pin 8 x 5/8"	HL-1050	1	in thwart
		Mainsheet - 10 mm braided	RP-0203	10	
		Mainsheet block	RG-0522	1	double on boom taken to hand?
		Mainsheet block	RG-0521	1	single and becket on plate case
		Mainsheet attachment	HL-0420	1	4" bowsprit plate mounted on aft of plate case for the single & becket block
Rig - Gaff Main		Gooseneck	RG-0025	1	should be OK on this modest rig
add mizzen for yawl		Gaff Jaws	RG-2016	1	unless wooden ones are made as per the plans
		Main Halyards - 6 mm	RP-0201	16	Assuming both peak and throat halyards used, and both are single part
		Halyard sheaves - 60 mm dia	RG-1484	1	for peak halyard
		Throat block - 8mm single	RG-0510	1	on strop
		Halyard cleats - 5" ash	HL-1034	2	or teak or bronze.....
		Jib Halyard - 6mm	RP-0201	8	
		Halyard Block	RG-0510	1	on strop
		Halyard cleat - 5" ash	HL-1034	1	or teak or bronze.....
		Mainsheet - 10 mm braided	RP-0202	8	if 2:1 as on plan - this OK for sloop, but you may want to go for centre main if yawl rigged.
		Upper mainsheet block	RG-0520	1	
		Lower mainsheet block	RG-0521	1	on rope horse
		Rope horse - 6mm braided	RP-0201	2	fitted through knees or transom
		Jibsheet - 10 mm braided	RP-0203	6	length varies on how you lead it
		Jibsheet fairleads	HL-0123	2	Plenty of other options here
		Jibsheet Cleats	HL-0081	2	camcleats
		Lacing	RP-0200	8	for head, luff, and possibly stay lanyards
		Shrouds	RP-0111	7.7	used 7 x 7 here for easy stowage
		Shroud ends	RP-0311	4	
		Shroud plates	HL-0406	2	reckon 6" would be OK
		Forestay	RP-0111	4.3	
		Forestay ends	RP-0311	2	
		Forestay fitting	HL-0508	1	Eyeplate bolted on inner face of stem
		Jib Halyard Strop	RP-0110	0.5	

		Jib Halyard Strop Ends	RP-0310	2	
		Throat Halyard Strop	RP-0110	0.5	
		Throat Halyard Strop Ends	RP-0310	2	
		Span	RP-0110	2	
		Span Ends	RP-0310	2	
		Span shackle	RG-0145	1	
Rig Mizzen	Mizzen	Halyard - 5 mm braided	RP-0199	7	probably best to use "dumb sheave" in the mast.
This is the same for lug or gaff main		Cleat - 5" ash	HL-1034	1	or belay pin HL-1050, or tube cleat HL-0096
		Luff lacing - 4 mm	RP-0200	3	
		Sheet - 6 mm	RP-0201	4	length depends where you take the sheet to
		Sheet block - 8mm single	RG-0510	1	mounted on bumkin
		Sheet cleat - camcleat	HL-0086	1	mounted on bumkin heel
		gooseneck	RG-0025	1	? A bit elaborate - jaws would do as shown on plan
		Downhaul block	RG-0510	1	on boom - needed if jaws used instead of gooseneck
		Downhaul line - 6 mm	RP-0201	1.5	Looped onto underside of belay pin, up to block, back down to belay pin
		Belay pin	HL-1050	1	for downhaul line