

Ness Boat - 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.

Hull	Rudder Gear	Sternpost Fittings - (vertical gudgeons)	HL-2222	2	
		Upper rudder strap	HL-2238	1	Assumes lifting rudder 1 7/8" width of cheek. Use HL-2234 and HL-2236 if fixed rudder strap 8" long accepts pivot for blade
		Lower rudder strap	HL-2240	1	
		Pivot Bolt	HL-2265	1	5/16" diameter, includes bushes.
		Up/downhaul line cleats	HL-0095	2	tube cleats suggested
	Keelband - assumes centreboard fitted.	3/4" wide	HL-0702	13.2	1 length 9' 2" foot, one 4'. Please note that for non-UK customers this may be impractical to ship
		1/2" wide	HL-0701	15.5	2 lengths 3' 6" beside centreboard, 2 lengths 4' 3" on bilge runners
	Rowlocks	Side Sockets	HL-0003	4	
		Rowlocks	HL-0001	2	
	Centreboard pivot	3/8" diameter, with bushes	HL-2091	1	Uses tufnol end plates, includes bushes.
	Mooring equipment	5" handed fairleads	HL-0147	2	i.e. 2 pairs - omit if boat to be dry sailed
		6" cleats	HL-1035	2	suggest ash, but teak or bronze would do
	Buoyancy (requirements will vary with the amount of decking fitted and the type of use intended for the boat)	Standard Bow bag	HL-0571	2	2 x 136 kg buoyancy - if outboard well fitted, HL-0570 (45kg buoyancy) may fit better in stern
		Pillow bags - 30 x 9	HL-0574	4	27 kg buoyancy each, fitted below side benches - if fitted. Otherwise other sizes fitted under thwarts
	Drain Bung	Captive type	HL-0560	1	or 2, one each side of keel.
Rig - Lug	Mainsail	Mast Traveller	RG-1110	1	bronze.leathered
		Head lacing -4mm	RP-0200	5	
		Halyard sheave - 60 mm dia	RG-1501	1	if fitted at all

	Halyard - 6mm braided	RP-0201	10	
	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	3	You can't get this too tight!
	Tufnol 8 mm single bow	RG-0510	1	mounted on thwart
	Tufnol 8 mm single&becket swivel	RG-0456	1	mounted on boom
	Belay pin 8 x 5/8"	HL-1050	1	in thwart for downhaul
	Mainsheet - 10 mm braided	RP-0203	9	I.O suggests 12 which seems heavy.
	Mainsheet boom block	RG-0524	1	or 2 x singles RG-0520
	Mainsheet hull block	RG-0468	1	Fiddle, becket and jammer mounted on.....
	Mainsheet attachment	HL-0406	1	6" chainplate mounted on aft edge of centreboard case
Rig - Gunter Sloop	Gooseneck	RG-0027	1	Mastband assembly
		RG-1027	1	Spar end
		RG-1830	1	Tack/hook fitting if slab reefing to be used
	Gunter Jaws	RG-2006	1	unless wooden ones are made as per the plans
	Main Halyards	RP-0201	18	2 halyards (peak and throat) assumed
	Halyard Sheaves - 60 mm dia	RG-1501	2	Mounted one above the other - not side by side.
	Halyard cleats - 5" ash	HL-1034	2	or teak or bronze.....
	Jib Halyard	RP-0201	9	
	Halyard Block	RG-0510	1	on strop
	Halyard cleat - 5" ash	HL-1034	1	or teak or bronze.....
	Mainsheet - 10 mm braided	RP-0203	7	assumes centre main with 4:1 purchase
	Upper mainsheet block(s)	RG-0524	1	or 2 x singles RG-0520
	Lower mainsheet block	RG-0468	1	includes jammer. Mounted on aft edge of centreboard case if fitted, else on floor.
	Mainsheet attachment	HL-0406	1	6" chainplate mounted on aft edge of centreboard case
	Jibsheet - 10 mm braided	RP-0203	5	
	Jibsheet fairleads	HL-0123	2	Plenty of other options here
	Jibsheet Cleats	HL-0082	2	
	Lacing	RP-0200	15	for head, luff, boom and possibly stay lanyards
	Span	RP-0120	2	
	Span ends	RP-0304	2	
	Span Shackle	RG-0145	1	prob better than a shackle
	Shrouds	RP-0121	7.8	used 7 x 19 here for easy stowage
	Shroud ends	RP-0305	4	
	Shroud plates	HL-0407	2	reckon 8" would be OK
	Forestay	RP-0121	4.3	length varies a lot with arrangement of fore decking etc
	Forestay ends	RP-0305	2	
	Forestay fitting	HL-0508	1	Screwed to inner stempost - again arrangement may need to vary

		Halyard Strop	RP-0120	0.5	
		Halyard Strop Ends	RP-0304	2	
Rig - Mizzen (if fitted)	(and you can sort out how to steer the boat!)	Halyard - 6 mm braided	RP-0201	6	probably best to use "dumb sheave" in the mast.
		Cleat - 5" ash	HL-1034	1	or belay pin HL-1050, or tube cleat HL-0096
		Luff lacing - 4 mm	RP-0200	5	
		Sheet - 6 mm	RP-0201	4	length depends where you take the sheet to
		Sheet block - 8mm single	RG-0510	1	rather than mount on rudder, could strop to sternpost
		Sheet cleat - camcleat	HL-0086	1	mounted on side of mizzen mast? Just an idea.
		gooseneck	RG-0025	1	? A bit elaborate - jaws would do?
		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