



3/14/2013

CONSTITUTION PARTS LIST MS2040

PART #	ITEM	QUANTITY	DESCRIPTION/NOTES
BRITANNIA CASTINGS 10 pcks			
WP7801	Anchor shanks	3	
WP7808	Galley stack	1	
WP7802	Berth deck portlights	34	
WP7803	Carronade barrels	20	
WP7804	Carronade front trucks	20	
WP7805	Carronade rear trucks	20	
WP7806	Dummy gun barrels	30	
WP7807	Fife rail stanchions	15	Round portion only
WP7809	Gunport decorative boards	30	
WP7810	Gun deck scuppers	12	
WP7811	Hawse pipe lips	4	
WP7812	Long gun barrels	2	
WP7813	Steering wheels	2	
WP7814	Stern eagle	1	
WP7815	Stern pilasters	8	
WP7816	Ammo passing scuttles	4	
BRASS AND MISCELLANEOUS FITTINGS AND MATERIAL			
WP0429	Eyebolts	180	Brass
WP0410	Belaying pins	240	
WP0993	Nails	200	
WP0955	Split rings	50	
WP1181	Cannon balls - 1/16" dia.	60	Black acrylic
WP0426	Ship's bell - 1/4"	1	Britannia metal
WP0953	Split rings	25	
WP40282sec	Wire	13 ft.	For stropping deadeyes
WP0516	Chain - 42 links/inch	1 ft.	
WP0480	Chain - 21 links/inch	2 ft.	
WP0481	Chain - 14 links/inch	2 ft.	For anchors
WP150K-12	Rod - 0.010" dia. x 12"	4	
WP2806	Rod - 0.016" dia. x 12"	4	
WP160K-12	Rod - 1/32" dia. x 12"	4	
WP0887	Bar (flat) - 1/64" x 1/32" x 14"	1	
WP0888	Bar (flat) - 1/64" x 1/16" x 12"	6	For pintles, gudgeons & chain iron
WP0889	Bar (flat) - 1/32" x 1/16" x 12"	1	For gammon
WP2803	Bar (square) - 1/32" x 15"	1	

WP29137	Sheet - 0.005" x 4" x 2"	1	For making gun trunnion straps
WP29138	Sheet - 0.010" x 4" x 2"	1	For miscellaneous mast bands, etc
WP29131	Hammock rail stanchions	3	Photo etched - 3 sheets of 20
WP29132	Chain plates & backing links	8	Photo etched - 8 sheets of 10 each
WP2559	Gunport lid hinges	4	Photo etched - 4 sheets of 40
WP2526	Grating - 1-1/2" sq. 1/64" holes	1	Photo etched - 1 sheet
WP0976	Sheathing tape - 1/4" wide	108 ft.	Copper - Self adhesive

DEADEYES, BLOCKS, AND OTHER WOOD FITTINGS

Note: All deadeyes and blocks are Walnut unless otherwise noted. Some block and deadeye sizes shown on plans are not available. See notes regarding substitutions.

WP0301	Blocks - 3/32" single	150	
WP0302	Blocks - 1/8" single	175	
WP0303	Blocks - 5/32" single	50	
WP0304	Blocks - 3/16" single	40	
WP0308	Blocks - 1/8" double	200	Use also for 3/32" blocks
WP0309	Blocks - 5/32" double	15	
WP0310	Blocks - 3/16" double	20	
WP0339	Deadeyes - 1/8" dia.	60	
WP0340	Deadeyes - 3/16" dia.	70	
WP0346	Blocks - 3/16" triple	25	Use also for 5/32" blocks
WP0390	Deadeyes - 3/32" dia.	20	
WP2308	Deadeyes - 5/32" dia.	40	
WP2460	Bullseyes - 3/32" dia.	80	
WP2461	Bullseyes - 9/64" dia.	15	Use for 1/8" bullseyes
WP2462	Bullseyes - 3/16" dia.	20	Use also for 5/32" bullseyes

RIGGING LINE

Note: Rigging line is Nylon. Black is for standing rigging; Tan for running rigging. Thread is waxed Polyester in tan and black for snaking, ratlines and siezings. See instruction manual for suggested sizes related to plan sizes.

WP2589	3/0 -0.005" dia. black thread	50 yard spools
WP2587	3/0 -0.005" dia. tan thread	50 yard spools
WP1218	0.008" dia. black	30 yards
WP1210	0.021" dia. black	50 yards
WP1211	0.028" dia. black	30 yards
WP1215	0.040" dia. black	5 yards
WP1216	0.051" dia. black	15 yards
WP1241	0.008" dia. tan	120 yards
WP1243	0.028" dia. tan	50 yards

WOOD DOWELS

Note: All dowels are Beech unless otherwise noted. Dowels are supplied in lengths as noted. Cut to length as required.

WP5100-12	5/64" x 12"	6
WP5101-24	1/8" x 24"	6
WP5102-24	5/32" x 24"	2
WP5103-24	3/16" x 24"	3
WP5104-24	1/4" x 24"	2
WP5105-24	5/16" x 24"	3
WP5106-24	3/8" x 24"	1
WP5109-24	7/16" x 24"	2

WOOD STRIPS, SHEETS, AND BLOCKS

Note: All wood is Basswood or Limewood (European Basswood) unless otherwise noted. Wood strips and sheets are supplied in lengths as noted. Cut to length as required.

STRIPS

WP3600-24	1/32" x 1/32" x 24"	3	
WP3602-24	1/32" x 1/16" x 24"	20	
WP3603-24	1/32" x 3/32" x 24"	5	
WP3604-24	1/32" x 1/8" x 24"	3	
WP3607-24	1/32" x 1/4" x 24"	3	
WP3661-24	3/64" x 3/32" x 24"	50	
WP3660-24	3/64" x 1/8" x 24"	40	
WP3613-24	3/64" x 1/4" x 24"	2	
WP3618-24	1/16" x 1/16" x 24"	4	
WP3619-24	1/16" x 3/32" x 24"	30	Deck
WP3620-24	1/16" x 1/8" x 24"	150	Hull
WP3622-24	1/16" x 3/16" x 24"	35	
WP3623-24	1/16" x 1/4" x 24"	15	
WP3624-24	1/16" x 1/2" x 24"	4	
WP3625-24	3/32" x 3/32" x 24"	4	
WP3626-24	3/32" x 1/8" x 24"	25	
WP3655-24	3/32" x 5/32" x 24"	1	
WP3628-24	3/32" x 3/16" x 24"	2	
WP3629-24	3/32" x 1/4" x 24"	2	
WP3630-24	3/32" x 1/2" x 24"	2	
WP3631-24	1/8" x 1/8" x 24"	4	
WP3633-24	1/8" x 3/16" x 24"	3	
WP3634-24	1/8" x 1/4" x 24"	3	
WP3635-24	1/8" x 1/2" x 24"	1	
WP3648-24	5/32" x 5/32" x 24"	2	
WP3616-24	5/32" x 5/16" x 24"	3	
WP3640-24	3/16" x 3/16" x 24"	3	
WP3674-24	3/16" x 5/16" x 24"	1	
WP3642-24	3/16" x 1/2" x 24"	1	

SHEETS

WP4606-24	1/16" x 2" x 24"	2
WP4609-24	3/32" x 2" x 24"	1
WP4612-24	1/8" x 2" x 24"	1

BLOCKS

Size of filler blocks and quarter gallery blocks (before carving) noted on the plans must be cut from the following blocks.

WP3564-06	2" x 2" x 6"	1
WP3563-06	2" x 3" x 6"	1
WP4623-24	1/2" x 2" x 6"	1
WP3693-24	3/8" x 1" x 3"	1
WP3692-24	1/4" x 1" x 2"	1

LASER CUT AND MACHINE CUT PARTS WOOD PARTS

Note: All Laser-Cut wood is Basswood or Limewood (European Basswood) unless otherwise noted. Because of laser cutting limitations, the 1/4" thick center keel, keel, stem, sternpost, and fore and main mast caps are supplied in two 1/8" thick pieces each. Glue together per the instruction manual.

WP4620-24	<u>3/16" Thick Set</u>	2	
WP4620-DD	Catheads		2 parts
	Rudder		1 part
	Stern frame #3		2 parts
WP4620-M	Dummy gun back plate		30 parts
WP4620-PLY	<u>3/16" Thick Set (Plywood)</u>	5	
WP4620-D	Bulkheads A,B,Q,R		
WP4620-E	Bulkheads – E-H		
WP4620-F	Bulkheads I-L		
WP4620-G	Bulkheads M-P		
WP4620-H	Bulkheads C-D		
WP4616-L	<u>5/32" Thick Set</u>	1	
	Bowsprit cap		1 part
	Anchor stocks		3 parts
	Mizzen, fore & main top caps		3 parts
WP4629-A	<u>1/8" Thick Set</u>	4	
	Aft center keel		2 parts
	Stern davits		2 parts
	Mizzen topmast cap		1 part
	Fore & main mast cheeks		4 parts
	Sternpost		2 parts
	Closed hearts	2 parts	
WP4629-B	Mid center keel		2 parts
	Stern frame # 2		2 parts
	Riding bitt knees		2 parts
	Quarter davits		4 parts
WP4629-C	Fore center keel		2 parts
	Capstan part		1 part
	Fore & main mast caps		4 parts
	Open hearts	2 parts	
	Mast wedge/coats		3 parts
WP4629-Q	Whaleboat lifts (2 sets)		6 parts per set
	Gig whaleboat lifts (1 set)		6 parts per set
WP4628-I	<u>1/8" Thick Set</u>	1	
	Stem		2 parts
	Stern frames # 1		2 parts
WP4613-R	<u>1/8" Thick Set</u>	1	
	Pinnacle lifts (1 set)		6 parts per set
WP4610-J	<u>3/32" Thick Set</u>	2	
	Bow rail knees		2 parts
	Quarter Galleries		2 parts
	Mizzen mast cheeks		2 parts
	Mast wedge/coat		3 parts
	Carronade bases		20 parts
	Capstan whelps		6 parts
	Capstan part		1 part

WP4610-T	Quarter gallery windows		6 parts
	Quarter davit support blocks		16 parts
WP4607-O	<u>1/16" Thick Set</u>	2	
	Forward main rail		2 parts
	Aft main rail knees		2 parts
	Aft topgallant rail		1 part
	Anchor brackets		2 parts
	Boom and gaff jaws		4 parts
	Spanker boom rest		1 part
	Fore & main top mast cheeks		4 parts
	Carronade carriage cheeks		40 parts
	Long gun carriage cheeks		4 parts
	Long gun front trucks		4 parts
	Long gun rear trucks		4 parts
	Gangway hammock boards plain		10 parts
	Capstan parts		3 parts
WP4607-S	Gangway/hammock boards decorated		8 parts
	Head gratings		6 parts
	Main gratings		8 parts
	Rails		3 parts
	Stern mouldings		4 parts
WP4636-K	<u>3/64" Thick Set</u>	1	
	Mizzen topmast cheeks		2 parts
	Pinnacle rudder		1 part
	Anchor side lid		1 part
	Upper gunport lids		32 parts
	Lower gunport lids		32 parts
	Upper transom gunport lids		3 parts
	Berth deck lids		2 parts
WP4602-N	<u>1/32" Thick Set</u>	1	
	Gig rudder		1 part
	Whaleboat rudders		2 parts
	Fore, main & mizzen top		3 parts
	Capstan parts		2 parts
WP4632-P	<u>3/64" Thick Set (Plywood)</u>	1	
	Spanker mast hoops		14 parts
WP4634-U	<u>1/32" x 3" Basswood</u>	1	
	Trail boards		1 part
	Name		

PLANS AND INSTRUCTIONS

FL			
WP2040MB	Instruction Manual	1	
WPPL2040-A	Plan, Sheet 1 of 8	1	Laser-cut keel and bulkhead patterns
WPPL2040-B	Plan, Sheet 2 of 8	1	Hull framing
WPPL2040-C	Plan, Sheet 3 of 8	1	Hull planking & coppering
WPPL2040-D	Plan, Sheet 4 of 8	1	Inboard/outboard profiles&spar deck plan
WPPL2040-E	Plan, Sheet 5 of 8	1	Hull details, ship's boats, & guns
WPPL2040-F	Plan, Sheet 6 of 8	1	Mast and spar details & belaying
WPPL2040-G	Plan, Sheet 7 of 8	1	Rigging profile
WPPL2040-H	Plan, Sheet 8 of 8	1	Rigging sections
WPPL2040	Parts List		

MS2040 Addendum

March 14, 2013

- Drawing 6
Mast sized at lower left corner of drawing,

Fore, main and mizzen
Topgallant/royal masts
Should read:

F - 3/16"
M - 1/4"
MIZ - 1/8"

Fore, main & mizzen
topmasts
Should read:

F - 1/4"
M - 5/16"
MIZ - 1/2"