

## MacGregor Canoe Building Log

<b>Date</b>	<b>Duration</b>	<b>Activity</b>
November 2, 2005	1.00 hr	disassemble Penobscot building jig base, joint & rip bearer bds
November 3, 2005	3.00 hr	assemble bearer boards & spacers, cut bevels, rip mold spalls
November 4, 2005	0.50 hr	paint OSB for station molds
November 5, 2005	4.00 hr	complete building jig, start laying out station molds
November 6, 2005	4.25 hr	finish laying out station molds
November 7, 2005	2.00 hr	cut station molds
November 8, 2005	0.50 hr	fine trimming molds
November 9, 2005	2.25 hr	more fine trimming, mount molds to spalls, clamp to building jig
November 10, 2005	3.00 hr	align molds, screw to jig
November 16, 2005	2.25 hr	brace four molds, joint ash for hog, keel, stems
November 19, 2005	0.50 hr	rip blanks for hog, keel, stems
November 20, 2005	2.25 hr	resaw and plane hog, keel, stem laminations, futz with hog fit
November 25, 2005	1.50 hr	fix building jig error, transfer stem patterns to mylar & start jigs
November 26, 2005	1.00 hr	attach blocks and glue-up aft inner stem
November 27, 2005	1.00 hr	too much spring back, glue-up another aft inner stem
November 29, 2005	1.25 hr	attach blocks and glue-up forward inner stem
November 30, 2005	1.25 hr	glue-up aft outer stem
	<b>31.50 hr</b>	
December 1, 2005	1.50 hr	resaw and plane laminations for forward outer stem, glue-up
December 4, 2005	2.75 hr	futz with hog, stems, and station molds
December 5, 2005	1.00 hr	clean up inner stems, joint & plane to thickness
December 6, 2005	1.25 hr	cut flats on inner stems, attach to jig & glue-up to hog
December 9, 2005	2.50 hr	make battens, futz with molds, rough trim excess hog length
December 12, 2005	1.25 hr	fairing molds
December 16, 2005	2.25 hr	fairing molds, bevel hog
December 17, 2005	1.50 hr	bevel hog
December 18, 2005	1.50 hr	bevel hog and start stem bevels
December 31, 2005	1.50 hr	bevel forward stem
	<b>17.00 hr (Total 48.50 hr)</b>	
January 1, 2006	1.25 hr	bevel aft stem
January 2, 2006	1.00 hr	remove hog & stems, tape molds (oops...)
January 3, 2006	2.25 hr	make rough cut garboard pattern
January 4, 2006	0.75 hr	fine trim garboard pattern, set up for cutting ply
January 5, 2006	2.00 hr	cut ply, scarf, glue up
January 6, 2006	4.00 hr	clean up scarfs, cut garboard A, play with fit, glue strip onto hog
January 7, 2006	1.50 hr	bevel strip on hog, refit garboard A (using screws on hog/stems)
January 8, 2006	3.50 hr	fit garboard B, glue-up garboard A
January 9, 2006	1.25 hr	tune garboard B, glue-up
January 10, 2006	3.50 hr	make plank 2 pattern, ply, scarfs, glue-up
January 11, 2006	1.75 hr	make plywood clamps and wedges
January 12, 2006	2.50 hr	trim planking at stems, bevel one garboard
January 13, 2006	2.75 hr	bevel other garboard, cut one set gains, trim plank 2A
January 14, 2006	1.50 hr	tune plank 2A, trim plank 2B
January 15, 2006	3.50 hr	gains, tune plank 2B, glue-up plank 2A
January 16, 2006	1.50 hr	make plank 3 pattern, cut ply
January 17, 2006	1.50 hr	glue-up plank 2B
January 18, 2006	1.50 hr	scarf, glue-up plank 3
January 20, 2006	5.50 hr	clean up scarfs, bevel, gains, glue-up plank 3A
January 21, 2006	6.50 hr	bevel, gains, glue-up plank 3B, pattern, scarfs, glue-up plank 4

January 22, 2006	5.50 hr	clean up scarfs, bevel, gains, glue-up plank 4A
January 23, 2006	3.00 hr	bevel, gains, tune plank 4B
January 24, 2006	2.50 hr	glue-up plank 4B, make plank 5 pattern, cut ply
January 25, 2006	1.25 hr	scarf, glue-up plank 5
January 26, 2006	3.50 hr	bevel, gains, tune plank 5A
January 28, 2006	3.00 hr	bevel, gains, glue-up plank 5A
January 29, 2006	2.75 hr	tune plank 5B, glue-up
January 30, 2006	1.75 hr	make plank 6 pattern, cut ply
January 31, 2006	1.25 hr	scarf, glue-up plank 6
	<b>74.00 hr</b>	<b>(Total 122.50 hr)</b>

February 1, 2006	1.00 hr	work on a bevel
February 2, 2006	1.00 hr	finish bevel, cut gains
February 3, 2006	3.00 hr	tune plank 6A, glue-up
February 4, 2006	4.25 hr	bevel, gains, tune plank 6B, glue-up
February 5, 2006	1.50 hr	make plank 7 pattern, cut ply
February 6, 2006	2.50 hr	scarf, glue-up plank 7, work on a bevel, cut one gain
February 7, 2006	1.00 hr	finish bevel and other gain, transfer shape to plank 7A blank
February 8, 2006	1.25 hr	tune plank 7A
February 9, 2006	2.25 hr	glue-up plank 7A, tune plank 7B
February 10, 2006	2.00 hr	bevel, gains
February 11, 2006	4.00 hr	work with outer forward stem, plane keel flat, glue-up plank 7B
February 13, 2006	1.75 hr	mill new keel (7/8" wide), begin shaping forward stem
February 14, 2006	1.00 hr	stem work
February 15, 2006	0.75 hr	stem work
February 16, 2006	1.25 hr	stem work
February 17, 2006	2.50 hr	stem work
February 18, 2006	1.00 hr	stem work
February 19, 2006	3.00 hr	make & glue-up rub strips, glue-up stems & keel
February 20, 2006	1.00 hr	turn hull, drink a beer
February 23, 2006	0.50 hr	rip piece off mahogany slab
February 24, 2006	2.50 hr	mill various pieces for canoe and sailboat
February 25, 2006	1.50 hr	more milling, futz with outwale
February 26, 2006	3.75 hr	fit outwale, glue-up, make deck beam molds, glue-up two
February 27, 2006	3.00 hr	fit outwale, glue-up, glue-up two more deck beams
February 28, 2006	2.00 hr	fit inwale/sheer clamp, glue-up, glue-up two more deck beams
	<b>49.25 hr</b>	<b>(Total 171.75)</b>

March 1, 2006	1.75 hr	fit inwale/sheer clamp, glue-up, glue-up two more deck beams
March 2, 2006	1.25 hr	futz with fitting floors to no real effect
March 3, 2006	2.00 hr	futz with fitting floors to no real effect, scrape excess glue
March 4, 2006	2.00 hr	brainstorm at 3 AM, use station molds for floors (duh), glue three
March 5, 2006	3.00 hr	glue four more floors (one broke), fit two to hull
March 6, 2006	2.00 hr	fit four floors to hull
March 8, 2006	1.50 hr	clean up deck beams, fit one leeboard block to hull
March 10, 2006	0.75 hr	fit other leeboard block to hull, start laying out deck beams
March 24, 2006	2.00 hr	deck beam work
March 25, 2006	3.75 hr	ply knees, back rest cleats
	<b>20.00 hr</b>	<b>(Total 191.75)</b>

June 21, 2006	1.50 hr	glue down floors
June 25, 2006	1.00 hr	glue-up seat back cleats
June 27, 2006	2.00 hr	futz with deck beams, glue-up
July 1, 2006	3.00 hr	bulkhead work

July 3, 2006	4.00 hr	bulkhead, knee and hatch work
July 4, 2006	2.00 hr	bulkhead, carlin and hatch work
July 5, 2006	2.00 hr	bulkhead and seatback work
July 6, 2006	0.75 hr	glue-up hatch rims and leeboard blocks
July 7, 2006	2.50 hr	mill and glue-up curved carlin, cut and fit seatback
July 8, 2006	3.00 hr	fit curved carlin and mast steps, fit four more ply knees
July 9, 2006	0.75 hr	futz with mast boxes
July 10, 2006	1.25 hr	mast boxes
July 12, 2006	1.00 hr	mast boxes
July 17, 2006	2.00 hr	rudder patterns, glue-up ply for stock
July 18, 2006	2.00 hr	rudder
July 20, 2006	3.00 hr	rudder, steering yoke
July 21, 2006	2.50 hr	rudder, steering yoke
July 22, 2006	2.00 hr	two sets mast step and block
July 23, 2006	3.50 hr	third set mast step and block, floorboards mostly fitted
July 25, 2006	2.00 hr	mizzen spars four-sided & tapered
July 28, 2006	1.00 hr	mizzen mast sixteen-sided
July 30, 2006	2.75 hr	mizzen mast rounded, fitted to mast block & step, boom
	<b>45.50 hr</b>	<b>(Total 237.25)</b>

May 25, 2007	1.00 hr	sanding, looking at stuff to get reacquainted...
May 26, 2007	3.00 hr	main mast work, mast box work, glue-up knees
May 27, 2007	4.00 hr	main mast work, mast box work, glue-up carlins
May 28, 2007	1.75 hr	mast box work
May 29, 2007	3.50 hr	mast box work, spar work
May 30, 2007	1.00 hr	spar work
May 31, 2007	2.00 hr	spar work
June 1, 2007	5.00 hr	spar work, fit deck
June 3, 2007	4.00 hr	spar work, sanding
June 4, 2007	0.50 hr	glue up mast partner blocks
	<b>25.75 hr</b>	<b>(Total 263.00)</b>

March 15, 2008	2.00 hr	interior sanding
March 16, 2008	2.00 hr	interior sanding, glue-up small bits for hatches, floorboards, etc
March 21, 2008	3.00 hr	interior painting
March 22, 2008	2.00 hr	interior painting
March 23, 2008	4.00 hr	interior painting
March 24, 2008	4.50 hr	interior painting
March 25, 2008	5.00 hr	final deck fit, glue-up
March 29, 2008	2.50 hr	rout deck, start shaping outwales
March 30, 2008	2.50 hr	continue shaping outwales, sand and epoxy seal deck
March 31, 2008	1.00 hr	sand and reseal deck
April 2, 2008	1.50 hr	sand and reseal deck (again)
April 3, 2008	2.00 hr	rudder and hatch work
April 5, 2008	3.00 hr	sanding, etc
April 6, 2008	2.50 hr	fairing hull, spars
April 7, 2008	2.00 hr	fairing hull, spars
April 8, 2008	2.00 hr	spars and bits & pieces
April 9, 2008	1.50 hr	bits & pieces
April 12, 2008	3.00 hr	sanding (what the hell else?), futz with brass
April 13, 2008	4.00 hr	drill, install brass half oval on keel & bilgeboard rub strips
April 21, 2008	3.00 hr	mill lams for half of coaming, glue-up using carlin as form
April 22, 2008	2.00 hr	clean up & fit coaming, mill pieces for rest of coaming, start fit
April 23, 2008	3.00 hr	coaming work

April 24, 2008	2.00 hr	coaming work
April 25, 2008	3.00 hr	coaming work & glue-up
April 26, 2008	3.00 hr	shape coaming, sand, sand, sand
April 27, 2008	2.00 hr	modify seatback, glue on decorative bits around mast holes
April 28, 2008	1.50 hr	learn how to braze brass, make gudgeons & pintles
April 29, 2008	2.00 hr	clean up, file, shape gudgeons and pintles
April 30, 2008	1.00 hr	more gudgeons and pintles
<b>72.50 hr (Total 335.50)</b>		

May 1, 2008	1.50 hr	more gudgeons and pintles
May 2, 2008	2.00 hr	hang rudder, start rudder pedals
May 3, 2008	2.00 hr	foot brace, cleats, pedals
May 4, 2008	4.50 hr	install rudder pedals, drill fairleads, etc.
May 18, 2008	1.50 hr	sanding & fairing hull
May 19, 2008	1.50 hr	sanding & fairing hull
May 20, 2008	2.50 hr	sanding & varnishing various bits
May 21, 2008	3.00 hr	prime hull, varnishing
May 22, 2008	1.00 hr	varnishing
May 23, 2008	2.50 hr	paint hull, varnishing
May 26, 2008	0.75 hr	varnishing
May 27, 2008	0.75 hr	varnishing
May 28, 2008	0.75 hr	varnishing
May 30, 2008	4.50 hr	paint hull, spars
May 31, 2008	4.00 hr	install brass rub strips, spars, varnishing
<b>32.75 hr (Total 368.25)</b>		

June 1, 2008	2.00 hr	varnishing
June 2, 2008	2.00 hr	varnishing
June 3, 2008	1.75 hr	varnishing
June 4, 2008	1.75 hr	varnishing
June 5, 2008	1.75 hr	varnishing
June 6, 2008	2.50 hr	polishing brass, installing
July 12, 2008	4.00 hr	extract from basement, fit masts
July 13, 2008	3.00 hr	bend sails, reefing lines, etc.
<b>18.75 hr (Total 387.00)</b>		

May 3, 2009      2.00 hr    installing cleats, cheek blocks (uncounted hours reacquainting...)  
oh forget it... I put probably another 50 hours or so into varnishing and futzing with the rigging