

Material list for BANGOR PACKET, 20' rowing wherry

Designed by Joel White, Brooklin ME, 1982  
WoodenBoat Plan #36

1. INNER KEEL: One piece of Sitka spruce to finish 3/4" x 1" x 16' long.
2. OUTER KEEL: One piece of Sitka spruce to finish 3/8" x 3/4" x 16' long.
3. STEM & STERNPOST: Laminated from 1/8" thick strips of Sitka spruce about 1" wide and 4' long. After gluing, laminations are planed to 3/4" siding. Stem will require about 20 pieces, sternpost about 11 pieces. After laminating and planing, stem & sternpost are marked and band sawed into inner and outer pieces as shown on sheets 4 & 5 of the plans.
4. SKIN (Planking): 3 diagonal layers of 1/16" red cedar veneer, with layers laid approximately at 45° to ~~£~~. The hull and two bulkheads will require about 300 square feet of veneer, allowing for 30% wastage. Minimum length veneer that can be used is about 4'. However, longer lengths may be more economical as wastage will be reduced.  
  
Veneers are glued with any thin epoxy suitable for cold-molded construction and held with staples as glue dries.
5. LAMINATED FRAME at Station 12: 5 pieces 1/8" x 1" x 4'. Plane to 3/4" siding after laminating.
6. SHEER CLAMPS: 2 pieces 5/8" x 5/8" spruce about 21' long. Shorter lengths may be scarfed together to make up the required 21'.
7. DECK: 2 pieces 1/8" or 5/32" x 4' x 8' Mahogany plywood. Deck is bedded and fastened with 5/8" #6 oval head bronze wood screws spaced about 6".
8. COAMINGS: 2 pieces 5/16" x 4" x 9' Mahogany. Fasten with 7/8" #8 oval head bronze wood screws spaced about 6".
9. DECK BEAMS: 3/8" x 5/8" spruce sawn to shape with 1" crown in 2 feet. 7 deck beams required.
10. SEAT RUNNER: 2 pieces 3/4" x 1" x 2'9" Mahogany.

11. SEAT STIFFENER: 2 pieces 3/4" x 4" x 2'9" Cedar.
12. RUB RAILS: 2 pieces 3/8" x 1/2" x 21' Mahogany. (May be scarfed together from shorter lengths). Fastened with glue and 1" brass escutcheon pins.

Also, assorted cleats, fillers, blocks, breasthooks, end coamings, etc. as per plan.

In general: If wood specified is unavailable in your area of the country, an equally good species may be substituted.