

## THISTLE CLASS ASSOCIATION

### Official Plans & Specifications

#### Parts and Materials

#### Warning

It is impossible to foresee every conceivable innovation which may be thought of in the future, or mention every suggestion that has been ruled illegal in the past. When in doubt, it must be assumed that anything in connection with the boat, sails or rigging which is not clearly covered by the Official Plans and Specifications or published Chief Measurer's Rulings is illegal and that a ruling must be obtained from the Chief Measurer before attempting such an innovation.

| Part No. | Name                         | Wood Hull | Glass Hull | Reqd. | Opt | Material               |
|----------|------------------------------|-----------|------------|-------|-----|------------------------|
| 1        | Transom Header               | X         | X          | X     |     | Hardwood               |
| 2        | Fwd. Grating Piece           | X         | X          | X     |     | Hardwood               |
| 3        | Grating Slats                | X         | X          | X     |     | Hardwood               |
| 4        | Mast Thwart                  | X         | X          | X     |     | Hardwood               |
| 5        | Grating Diagonal             | X         | X          | X     |     | Hardwood               |
| 6        | Grating Skirt                | X         | X          | X     |     | Hardwood               |
| 7        | Mast Step                    | X         | X          | X     |     | Hardwood               |
| 8        | C. B. Trunk Thwart           | X         | X          | X     |     | Hardwood               |
| 9        | Seats                        | X         |            | X     |     | Hardwood               |
| 10       | Seat Supports                | X         |            | X     |     | Hardwood               |
| 11       | C. B. Trunk Knee             | X         | X          | X     |     | Hardwood or Fiberglass |
| 12       | Forward Seat Support         | X         |            | X     |     | Hardwood               |
| 13       | C. B. Trunk Cover            | X         | X          | X     |     | Hardwood               |
| 14       | Mast Stanchion               | X         | X          | X     |     | Hardwood               |
| 15       | C. B. Trunk Separator        | X         |            | X     |     | Hardwood               |
| 16       | C. B. Trunk Separator        | X         |            | X     |     | Hardwood               |
| 17       | C. B. Trunk Side             | X         |            | X     |     | Hardwood               |
| 18       | Keel Piece                   | X         |            | X     |     | Hardwood               |
| 19       | Stem Piece                   | X         |            | X     |     | Hardwood               |
| 20       | Inner Wale (see note 4)      | X         | X          | X     |     | Hardwood               |
| 21       | Outer Wale                   | X         | X          | X     |     | Hardwood               |
| 22       | Floor Anti-skid Strips       | X         |            |       | X   |                        |
| 23       | Keel Molding                 | X         |            | X     |     | ½" Half Oval CRM       |
| 23       | Keel Molding                 |           | X          | X     |     | ** See Note 1 **       |
| 24       | Transom                      | X         |            | X     |     | Hardwood               |
| 24       | Transom                      |           | X          | X     |     | ** See Drawing **      |
| 25       | Transom Cap                  | X         | X          | X     |     | Hardwood or CRM        |
| 26       | C. B. Trunk Radius Pieces    | X         | X          | X     |     | Hardwood or Fiberglass |
| 27       | Rudder Blade<br>(See note 5) | X         | X          | X     |     |                        |
| 28       | Cheek Pieces<br>(See note 5) | X         | X          | X     |     |                        |
| 29       | Tiller                       | X         | X          | X     |     | ** See Note 6 **       |
| 30       | Tiller Extension             | X         | X          |       | X   | Optional               |

|    |                                |   |   |   |   |                                     |
|----|--------------------------------|---|---|---|---|-------------------------------------|
| 31 | Centerboard                    | X | X | X |   | Wood/Lead or<br>Fiberglass          |
| 32 | Buoyancy Tanks                 | X |   | X |   | Non-Inflatable                      |
| 32 | Buoyancy Tanks Aft             |   | X | X |   | **See Specifications<br>Article V** |
| 35 | Lockers                        |   |   |   | X |                                     |
| 38 | Spinnaker Cleat                |   |   |   | X |                                     |
| 39 | Cheek Block                    |   |   |   | X |                                     |
| 40 | C. B. Haul Cleat               |   |   |   | X |                                     |
| 41 | Mast                           | X | X | X |   | Spruce or Aluminum                  |
| 42 | Boom                           | X | X | X |   | Spruce or Aluminum                  |
| 43 | Cheek Pieces                   | X | X | X |   | Hardwood or<br>Aluminum             |
| 44 | Tiller Socket                  | X | X | X |   | CRM or Fiberglass                   |
| 45 | Rudder Upper<br>Pintle/Gudgeon | X | X | X |   | CRM                                 |
| 46 | Rudder Lower<br>Gudgeon/Pintle | X | X | X |   | CRM                                 |
| 48 | Bolt, Nut & Washers            | X | X |   | X | CRM                                 |
| 50 | C. B. Ballast                  | X | X | X |   | Lead                                |
| 51 | C. B. Rollers                  | X | X | X |   | Optional                            |
| 52 | C. B. Strap                    | X | X | X |   | CRM                                 |
| 53 | C. B. Haul                     | X | X |   | X |                                     |
| 54 | Mast Sheaves                   | X | X | X |   | Optional                            |
| 55 | Pintle/gudgeon                 | X | X | X |   | CRM                                 |
| 56 | Pintle/gudgeon                 | X | X | X |   | CRM                                 |
| 57 | Fairlead                       | X | X | X |   | Optional                            |
| 58 | Chain Plate                    | X | X | X |   | CRM                                 |
| 59 | Boom Reefing Drum              | X | X |   | X | CRM                                 |
| 60 | Boom Outhaul                   | X | X |   | X | Optional                            |
| 61 | Winch                          | X | X |   |   | Optional                            |
| 63 | Winch Crank                    | X | X |   | X | Optional                            |
| 64 | Tangs                          | X | X | X |   | CRM                                 |
| 65 | Gooseneck                      | X | X | X |   | CRM                                 |
| 66 | Spreader Socket                | X | X | X |   | CRM                                 |
| 67 | Spreader                       | X | X | X |   | CRM                                 |
| 68 | Bow Toggle                     | X | X |   | X | CRM                                 |
| 69 | Bow Plate                      | X | X | X |   | Optional                            |
| 70 | Main Sheet Block               | X | X | X |   | Optional                            |
| 71 | Lower Diamond Stay             | X | X | X |   | Stainless Steel                     |
| 72 | Intermediate Diamond<br>Stay   | X | X | X |   | Stainless Steel                     |
| 73 | Upper Diamond Stay             | X | X | X |   | Stainless Steel                     |
| 74 | Jib Stay                       | X | X | X |   | Stainless Cable                     |

|            |                             |   |   |   |   |   |
|------------|-----------------------------|---|---|---|---|---|
| 76         | Jib Halyard                 | X | X | X |   | Stainless Cable or Suitable Fiber             |
| 77         | Main Halyard                | X | X | X |   | Stainless Cable or Suitable Fiber             |
| 80         | Main Sheet                  | X | X | X |   | Optional                                      |
| 84         | Stem Molding                | X | X | X |   | CRM   |
| 86         | Shrouds                     | X | X | X |   | Stainless Cable                               |
| 87         | Diamond Tang                | X | X |   | X | CRM   |
| 88         | Diamond Tang                | X | X | X |   | CRM   |
| 89         | Spreader Tips               | X | X | X |   | Optional CRM                                  |
| 91         |                             |   |   |   |   |   |
| 92         | Turnbuckle                  | X | X |   | X |   |
| 93         | Winch Dog & Spring          | X | X |   | X | CRM   |
| 94         | Spinnaker Pole Fitting      | X | X |   | X | Optional                                      |
| 100        | Molded Hull                 | X | X | X |   | Molded Plywood or Resin Reinforced Fiberglass |
| 102        | Mast Step for A-1 Mast      | X | X | X |   | Aluminum                                      |
| 103        | Gasket                      | X | X | X |   | Rubber or Plastic                             |
| 110 to 122 | Parts for Standard A-1 Mast | X | X | X |   |   |

### Notes

- (1) Half oval molding required unless part of molded hull.
- (2) Corrosion resistant metals referred to in specifications as CRM include stainless steel, brass, bronze, monel, aluminum and titanium.
- (3) Hardwood is defined as hard compact wood such as mahogany, oak, maple, teak, walnut and ash.
- (4) Three piece laminated Inner Wale (part 20) may include one piece of spruce not exceeding 1/3 of total Inner Wale width.
- (5) Wood rudder to be constructed of wood with hardwood cheeks. Wood rudder does not need licensed builder approval. Fiberglass rudder to be sandwich type construction, built only by licensed builders.
- (6) Tiller to be constructed of hardwood or aluminum tubing throughout. Aluminum tubing must be at least 1.25" OD and have a minimum wall thickness of .050". Fiberglass or aluminum covering the aft 5" of hardwood tiller is optional.