Mold Team Rules

- All dimensions are for exterior of the canoe without regard for hull thickness
- 20 ft. long hull
- Max beam width of 31 3/16 in. located 10ft, 2in from bow
- Elliptical cross-sectional shape with 4” radial chines and flared sidewalls, 4” of bow rocker, and 2.5” of stem rocker
- Depth can vary from 14-16”
- Tolerances
  - Length: +/- 1”
  - Width: (widest point) +/- ½”
  - Rocker at bow and stern: +/- ½”
- Prohibited
  - Hollow air cavities or bladders
  - Floatation materials in the form of particulates
  - Solids mats or plates for reinforcing
- Floatation material shall be solid blocks of material
  - All must be encased in concrete
  - Can be placed at any location inside the canoe below the gunwale line
- Reinforcing shall not constitute more than 50% of the total canoe thickness
- Minimum POA of reinforcing is 40%
- Measurements and calculations including POA of reinforcement shall be under Tab C of Engineer’s Notebook
- Cut-Away Section
  - At least 3” shall demonstrate casting, finishing, and reinforcement techniques
  - Shall also show the mold