

Purists will disagree about the name semi-dory but that is the name under which we designed her. Compared to the larger sharpie in this website, she has relatively more freeboard. She is a good general purpose little boat and would make an excellent dinghy that will carry 3 people, but I would not sail with more than two. She can be rigged with a sprit sail or with a marconi rig using a sailboard sail.

#### SPECIFICATIONS

LOA	11'	3,35 m
Max Beam	4'	1,20 m
Designed weight	85 lbs.	39 kg
Max HP	2 HP outboard	
Sail Area	45 ft <sup>2</sup>	4 m <sup>2</sup>

*\* All specifications are approximate and subject to changes in function of the mood of the designer and the skills of the builder.*

## CONTENTS

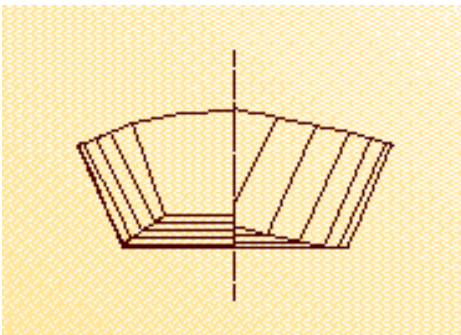
Specifications .....	1
Builder threads on our forum .....	2
Building Method .....	2
Required Skills .....	2
Labor .....	3
Options .....	3
Bill of Materials .....	3
Plans Packing List .....	4
More .....	4

## BUILDER THREADS ON OUR FORUM

[SD11...hopefully! - flatpicker - Thomasville, Georgia](#)

[sd11 Semi-Dory - CNC kit - NicoCatrrix - Mobile Bay, Alabama](#)

## BUILDING METHOD



This boat is built from flat plywood panels assembled with epoxy-fiberglass tape. The construction method is called "stitch and glue". For a detailed description of the stitch and glue boat building method, see our "How to" section where you will find a complete illustrated tutorial as well as information about epoxy, fiberglass, and plywood. The spars (mast and sprit) are made from 1x3 boards (12x30 mm) epoxy glued together. No shrouds required: very simple.

## REQUIRED SKILLS



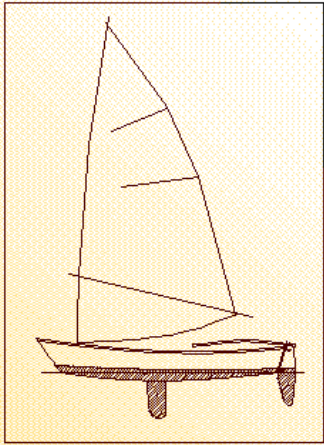
The SD11 hull is very easy to build thanks to her flat bottom. There are no plywood scarfs: we use very simple butt blocks.

No woodworking skills or special tools are required.

## LABOR

The average construction time for the hull is 25 hours.

## OPTIONS



She can be rigged with a sprit sail or with a marconi rig using a sailboard sail. The sail plans with spars, sails, daggerboard, rudder etc. are included in all plan sets.

## BILL OF MATERIALS

<b>Plywood (4x8' – 122x244cm)</b>		
6 mm (1/4")	2	
9 mm (3/8")	2	
Also see our <a href="#">CNC Kit</a> , which is a precut plywood kit that includes all the plywood needed to build the boat as designed.		
<b>Fiberglass Fabric and Tape</b>		
6 oz – 6": Biaxial Tape	50 yards	45 m
<b>Resin</b>		
Epoxy	1 1/2 gallons	5.7 liters
Also see our <a href="#">MarinEpoxy</a> or <a href="#">Silvertip Epoxy</a> kits which include all of the epoxy and fiberglass listed.		

This BOM covers all the supplies for this boat as designed. Usage of materials will vary in function of several factors. An experienced builder will use less resin. First time builders always use more resin, take that in account. Our resin usage calculations are based on a 50% glass content. Options, customization, and variations in fabric and foam cutting preferences will also affect the Bill of Materials. Our figures show an estimated average. Small variations in fiberglass specifications are acceptable, consult us for substitutions.

## PLANS PACKING LIST

Plans are available in metric or US units.

- 5 Detailed drawings, large scale with all dimensions required to cut the sides, bottom, and the bulkheads from flat plywood sheets: no lofting, no templates required.

Drawing List:

- D95\_1 Complete sail plan with spars, rudder, daggerboard etc. and Lines
- D95\_2 Construction and Plates
- D95\_3 Full Size Patterns - Frames
- D95\_4 Full Size Patterns - Sides
- D95\_5 Full Size Patterns - Appendages
- Building notes including a detailed description of the assembly sequence and building tips.
- Sprit Rig Notes
- Bill Of Materials
- Help files reference list and more.

## MORE

Visit our [forum](#), help pages, tutorial pages and read our FAQ: most questions are answered there.

### License

As with all our plans, you have the right to build one boat from those plans. The designer holds the copyright to the design, and you purchase a license to build one boat. If you plan to build more than one boat, please contact us about licensing fees.

### Building Standards

These plans were drafted according to the ABYC rules. The ABYC (American Boat and Yacht Council) defines the boat building standards in collaboration with the USCG. Professional builders may be subject to more requirements. Consult the designer.

The ABYC standards are very close to the ISO norms and CEE requirements but no European certification was applied for since this is not required for amateur boat building in Europe. CEE/ISO certification is available to professional builders for a fee.