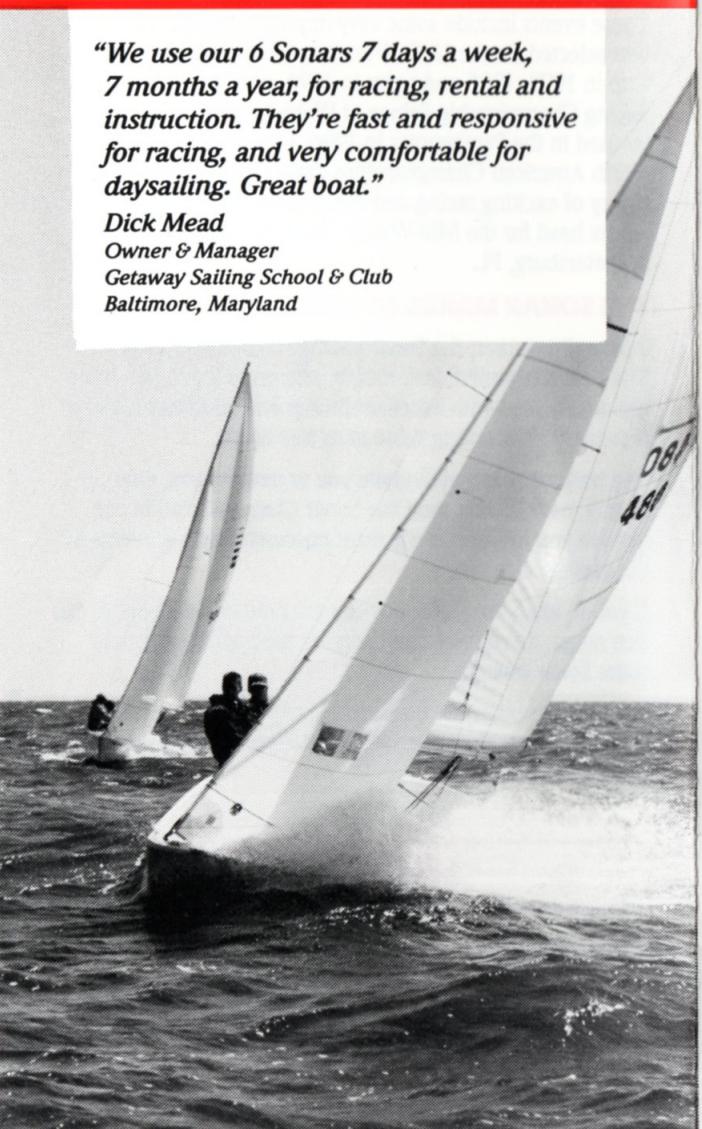


**"The Sonar may well  
be the best boat  
I've ever designed."**

*Bruce Kirby*  
Bruce Kirby  
Yacht Designer

**"We use our 6 Sonars 7 days a week,  
7 months a year, for racing, rental and  
instruction. They're fast and responsive  
for racing, and very comfortable for  
daysailing. Great boat."**

**Dick Mead**  
Owner & Manager  
Getaway Sailing School & Club  
Baltimore, Maryland



#### KEY FEATURES OF THE SONAR

**HULL** Hand laid up woven fiberglass with coremat coring for added strength, impact resistance. Each boat carefully crafted to meet one-design rules. White gelcoat standard; custom hull gelcoat colors and bottom paint optional.

**DECK** Fabricated as one-piece insert; includes three seat storage lockers. Two bunks (and space for a small Porta Potti) in lockable cuddy cabin with hatchboard. Extruded aluminum toerail bolted thru deck and hull flange.

**COCKPIT** Huge 11'6" self-bailing cockpit with full-length seats, angled seatbacks. Seats 8 adults in comfort. Adjustable mainsheet traveler amidships.

**KEEL** 900 pounds of cast lead, deep fin design. Narrow, with advanced foil shape for superior windward performance. Optional sling available for hoist launching.

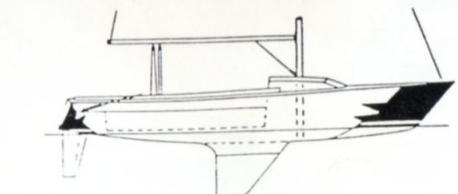
**RUDDER** 2" thick, very high-aspect and deep. Balanced design and large area provides excellent control and maneuverability, even under spinnaker in strong winds. Inboard hung for protection and to retain the same light feel at all angles of heel. Laminated curved tiller.

**RIGGING** Bendy tapered aluminum mast. 75% fractional rig is responsive, makes sailhandling easier. Elliptical mast section is keel stepped. Swept spreaders, adjustable backstay and moveable mast blocking at the partners permit fine tuning. Running rigging is Dacron and Spectra, cut to length and fitted for each application.

**SAILS** Large Dacron mainsail and 100% jib, legal for class racing. Combination of larger main and smaller jib is easier to handle when tacking. Standard Cunningham, outhaul, traveler controls and jib leads provide complete sail-shaping ability. Spinnaker and tapered aluminum pole available.

**HARDWARE** Boat is shipped "race ready," equipped with top-quality marine hardware — Harken, Ronstan, etc. Deck and cockpit fittings are mounted with stainless steel hardware.

**TRAILER** Optional trailer with brakes, custom designed and built for the Sonar, is available.



For further information contact  
**SONAR INTERNATIONAL**  
70 Pattonwood Drive • Rochester, NY 14617  
Phone (800) 433-2518 • (716) 342-1040 • Fax (716) 266-4722

**Bruce Kirby's  
great 23' keelboat**

Club Racer  
Family Daysailer  
Sail Trainer

**SONAR**



**"THE SONAR IS THE BEST DESIGNED CLUB RACING KEELBOAT WE HAVE SEEN."**

### *Practical Sailor*

She's wicked fast, exciting to race, yet easy to sail. She moves right along under spinnaker in light air, but stays stiff and rock solid in heavy weather.

She also has a huge 11'6" cockpit that seats 8 with leg room to spare, angled seat backs and coaming for comfort while heeled over or planing, plus recessed handholds for extra security.

Which means the Sonar gives its owners the best of both worlds — heart pounding, one-design, matched boat club racing, plus comfortable, uncomplicated daysailing with family and friends.

### **THE SONAR WON ITS FIRST COMPETITION BEFORE IT WAS EVEN BUILT!**

It started when Bruce Kirby's home club (Noroton Yacht Club, Darien, CT) couldn't find the right boat to get their members involved in club racing; fewer and fewer people were participating.

They studied lots of boats — the J/24, Ensign, Etchells 22, Soling and Tempest. All were rejected as too expensive, too slow, too athletic or just plain uncomfortable. So Bruce Kirby (who designed the very popular Laser) and fellow club member Wally Ross were asked to create an entirely new boat.

It had to be exciting to race (under strict one-design class rules), but easy to handle by sailors of all ages, strengths and skill levels. It had to be a really good daysailer, spacious and comfortable to sit in all day long. And trailerable, easy to launch for wet or dry sailing. Plus a safe, well-behaved training boat to help teach new sailors how to sail and have fun doing it.

The result is the Sonar. The Noroton Yacht Club got everything they wanted and more. And the Sonar has been greeted with enthusiasm by individuals and clubs all over the country.

Today, there are over 500 boats racing and daysailing in harbors, bays, inlets, sounds and lakes throughout North America.

### **THE BOAT**

Even resting on a mooring, the Sonar looks fast. The lines are clean and uncluttered. The cuddy cabin keeps her drier and offers lockable storage space. But it's the big 11'6" cockpit that really steals the show. The molded full-length bench seats with angled backs are truly comfortable, and the self-bailing channels in the sole keep your feet dry. The whole boat just invites you to come aboard.

The keel is thin but strong, with extra support built in to minimize damage in an accidental grounding. The deep keel (draft is 3'11") and spade rudder provide excellent lateral stability.

The Sonar is built by Ontario Yachts, which has a well-earned reputation for building small and mid-size boats of superior quality. Their careful attention to detail, and their dedicated adherence to the strict principles of one-design racing are the reasons Sonar owners can have confidence they are getting the highest quality and the greatest value in a boat that is built right.

### **TAKING IT ON THE ROAD**

With a beam of 7'10" and displacement of 2,100 pounds, the Sonar is easily trailerable. An optional trailer is available. Which opens up all the fun of sailing in new waters, plus joining other Sonar owners in one-design class racing.

The Sonar Class Association has more than 250 active and enthusiastic members. *ECHO*, the class newsletter, keeps



them in touch and informed about racing tactics, boat-handling tips, upcoming regattas and results after the events.

Those events include some very impressive races. The Sonar was selected for the U. S. Women's Championship Adams' Cup in 1993, 1995 and again in 1996, plus the U. S. Match Racing Championship Prince of Wales Cup in 1994. It will be used in the Paralympics in 1996. Each year, the 4-day North American Championships draw 50 to 60 boats for plenty of exciting racing and conviviality. In Winter, Sonar sailors head for the Mid-Winter Championships in sunny St. Petersburg, FL.

### **THE SONAR MAKES SO MUCH SENSE**

Taken all together, the Sonar package is pretty impressive. The boat is beautiful, fast, roomy, safe and a joy to sail. It is a top-quality boat with excellent fittings and equipment, and it represents outstanding value in its size range.

The trailerable Sonar can take you to new waters, new events, new friends. And the Sonar Class Association can involve you in some of the most impressive racing events in the sailing calendar.

If you're ready to get serious about a new keel sailboat in this size range, do *nothing* until you see the Sonar and talk to some Sonar owners.

And keep in mind what *Practical Sailor* said:  
**"The Sonar is the best designed club racing keelboat we have seen."**



### **SPECIFICATIONS**

Length Overall	23' 0"	Displacement	2,100 lbs.
Length Waterline	19' 11"	Ballast (lead keel)	900 lbs.
Draft	3' 11"	Sail Area (main/jib)	250 sq. ft.
Beam	7'10"	Spinnaker Area	245 sq. ft.