

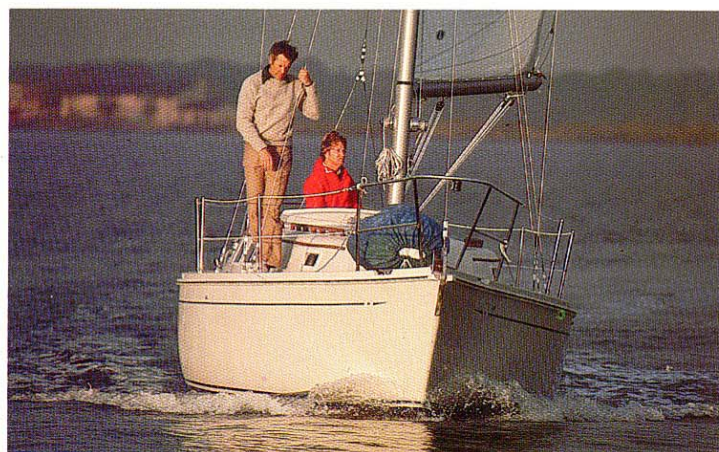
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THE CAL 31



**THE PERFORMANCE CRUISER BUILT
WITH 25 YEARS OF CAL EXPERIENCE.**

A trip to any recent boat show or a browse through a current sailboat directory will quickly reveal increasing numbers of boats in the 30-foot range designed for the committed *racing* sailor. Boats that look fast—and in many cases are fast—but that are not necessarily comfortable or easy to sail. Because as speed has become more important, keels have narrowed and deepened, hull shapes have broadened and flattened out, rigging has become more complex, and accommodations more spartan. The result? Boats



Cal 31's are loaded with standard equipment.

that are often not just responsive, but downright finicky; that are not just powerful, but all too easily over-powered; that are perfect for a Saturday race, but cramped and crowded for a week-long cruise.

At Cal, however, 25 years of experience have taught us that fast doesn't have to mean uncomfortable. That winning the club race doesn't require cramped cruising conditions the rest of the time. And we've built these lessons—and a lot more—into every Cal 31.

Designed by Bill Lapworth in the Cal tradition of quality, this 31 is a straightforward, fast cruising and club racing boat that offers a balance of performance and traditional yachting amenities and comfort.

The tall masthead rig and the large foretriangle give a good indication of her power. Below the waterline, the high lift fin keel and spade rudder extending beyond the transom provide outstanding maneuverability and responsiveness without the jumpiness found in more radical designs. The Cal 31 is also

available in a shoal draft version with a shorter rig for the confirmed island hopper and in-shore cruiser.

Though it offers roomy accommodations for five, the Cal 31 is easily sailed by the cruising couple out for a weekend alone. Running rigging is intelligently organized and easy to handle thanks to features like mast mounted main and jib halyard winches, two speed genoa sheet winches and a reefing winch beneath the gooseneck—all Barient's. The rest of the hardware bears names that are equally recognized and trusted by serious sailors as well: Schaefer, Nicro-Fico, Samson, Kenyon and a Universal Diesel engine. And because we believe that you should spend your time sailing rather than outfitting, the Cal 31 offers a list of standard features that is longer than most other boats' lists of options. (For complete details, be sure to check the back cover of this brochure.)

All lines are color coded for easy identification, and are run internally wherever possible. Halyards are yacht braid spliced to stainless steel halyard cable. Spars are painted aluminum with luff and foot grooves. The mainsheet traveler is mounted athwart the cockpit for easy access (cabin top traveler mounting is also available), and the boom vang is standard.

The cockpit is big enough for comfortable lounging, yet compact and self-bailing for serious off-shore and heavy weather work. Going forward in a breeze is made safer and easier by the non-skid pattern molded permanently into the deck surface, teak grab rails that extend the full length of the cabin roof, and stainless steel stanchions with lifelines. Stainless steel double bow and stern pulpits, and the transom mounted swimming ladder are all standard. The flush mounted, self-draining locker in the foredeck and the stainless steel stemhead fitting with roller make anchor work fast and easy. A huge 2-foot square foredeck hatch provides excellent access to sails stored below, as well as plenty of light and ventilation in the forward cabin.

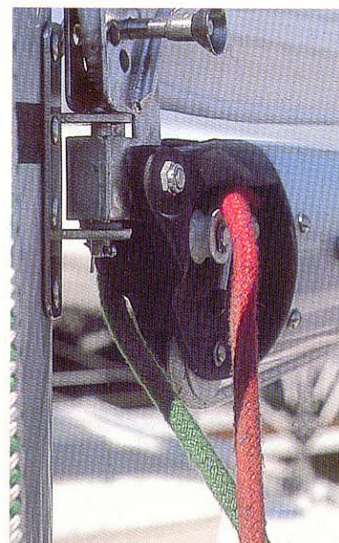


Interior redesign features teak-trimmed laminates.

Below decks, this 31 is every inch a Cal. Teak bulkheads, tables, shelves and lockers create a luxurious and spacious eating and entertaining area in the main cabin. Features like trash bins, dry storage bins, cabinet doors instead of sliding plexiglass panels, cup and glass storage rack, and the chart storage tube in the aft bulkhead indicate an attention to detail rarely found today on production boats of any size. Even the food locker doors are hinged at the bottom so you can get at the contents without them falling on you when the boat is heeled.

The galley, at the foot of the companionway steps and to port, features a double stainless steel sink (with pressure water standard), two-burner alcohol stove with oven, and lots of storage for dishes, utensils and food in drawers, bins and lockers. An eight cu. ft. icebox is a superb feature on any boat under 40 feet. It's a standard feature on the Cal 31. Eight cubic feet means you can stock up for a week at a time. Heavy foam insulation will keep your ice cool. The top, with flush lid, doubles as a chart table.

Fold the teak dinette table against the forward bulkhead and the port settee with its thick, fabric covered cushions expands into a roomy double berth. The starboard settee can be transformed into a single berth with the seat back folded up and out



Color-coded lines, rugged gear.

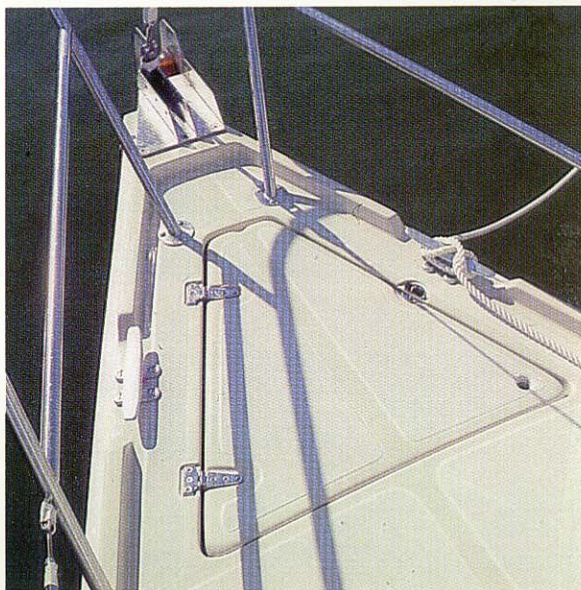
of the way. Four fixed ports and an overhead hatch, and two opening ports with screens let in the sunlight and breezes.

The forward bulkhead separates the main cabin from the head with shower and built-in vanity, and a large hanging locker to starboard. The head is large for a 31 footer, well designed, reflecting the experience of Cal's builder/sailor/owner combination.

The forward cabin offers 6'6" x 6'6" V-berth with storage bin below, another hanging locker and alcove over the berth, and even more storage behind a teak door in the forepeak. In addition to the overhead hatch, there are two fixed decklights for illumination.

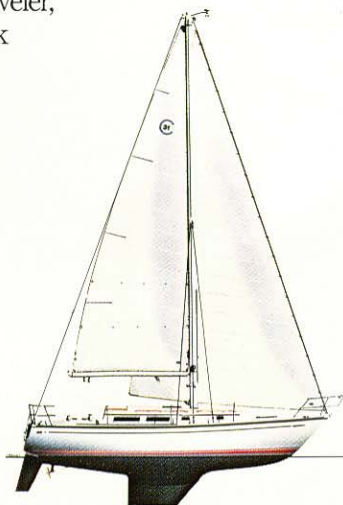
Like all Cals, the 31 is a solid, secure boat backed by Cal's 25-plus years of manufacturing and sailing experience. It is the kind of boat that knowledgeable sailors have long trusted their families to—the kind of boat that has made Cal one of the most respected names in yachting.

So before you settle for a lesser boat, a boat with racing features you may never use and without the comfort features you're bound to miss, sail the Cal 31. It's the only 31-footer that offers you one priceless "standard": Cal's experience.



Stern ladder, mainsheet traveler, molded-in toe rails and teak handrails: standard.

Anchor roller on stem, double pulpits, self-draining anchor well for easy cruising.



LOA	31'6"	9.60 Meters
LWL	25'8"	7.82 Meters
Beam	10'0"	3.04 Meters
Draft	5'0"	1.52 Meters
Displacement	9170 Lbs.	4159 Kilograms
Ballast	3600 Lbs.	1636 Kilograms
I	41'6"	12.65 Meters
J	13'5"	4.11 Meters
P	35'0"	10.67 Meters
E	12'0"	3.66 Meters
100% Foretriangle	280 Sq. Ft.	26.01 Sq. Meters
Mainsail Area	210 Sq. Ft.	19.51 Sq. Meters
Total	490 Sq. Ft.	45.52 Sq. Meters
Mast Height Above Water	45'5"	13.84 Meters
Draft	4'3"	1.3 Meters
I	38'6"	11.73 Meters
P	32'0"	9.75 Meters
100% Foretriangle	260 Sq. Ft.	24.15 Sq. Meters
Mainsail Area	192 Sq. Ft.	17.84 Sq. Meters
Total Sail Area	452 Sq. Ft.	41.99 Sq. Meters



Large cabin forward with translucent hatch, hanging locker, storage alcove forward.



Access to the fresh water cooled diesel is quick, easy and in the open.

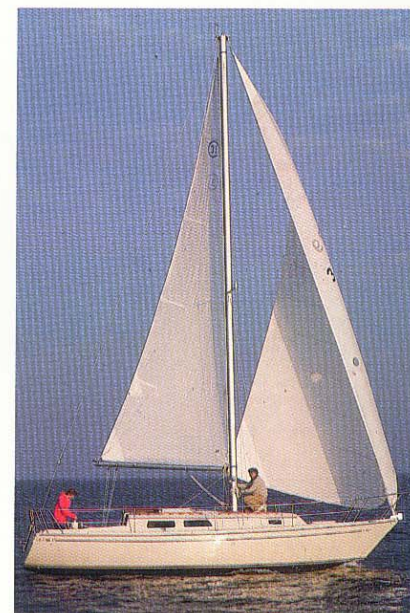


Sea cooks and liveaboards find lots to like in the new Cal 31 galley.

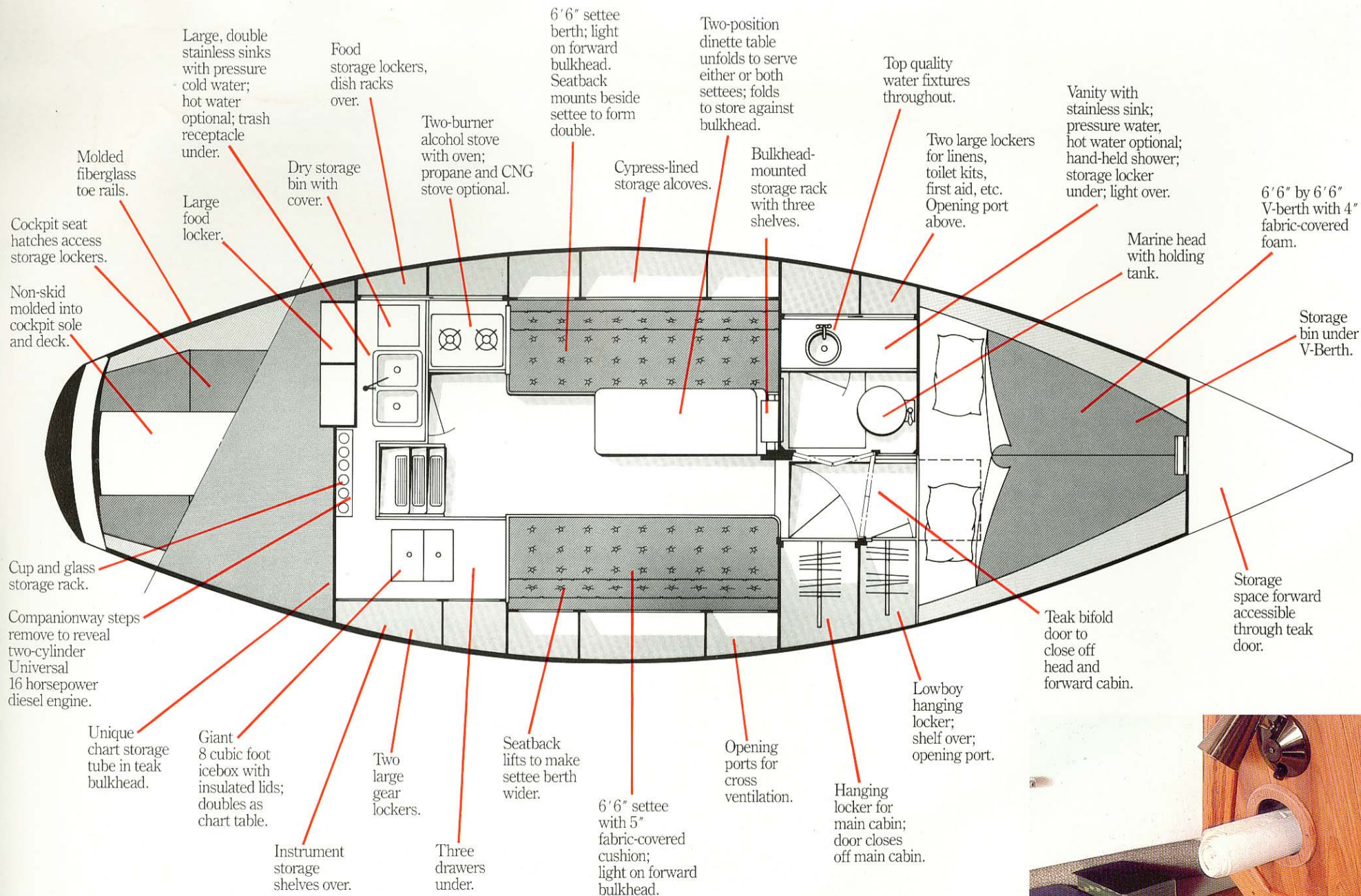
Hand-held shower, plenty of fresh air and lots of storage make this head something different.



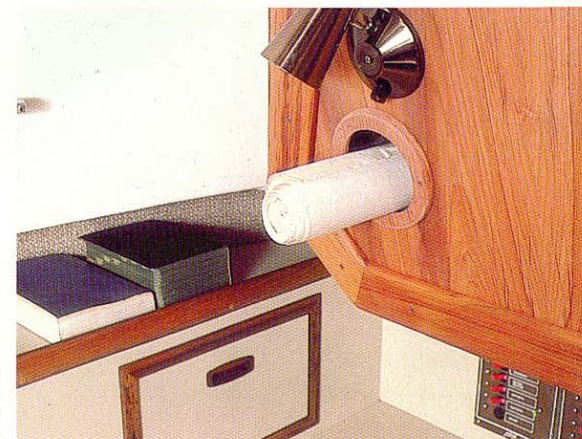
Overhead handrails, cypress hull ceiling, teak bulkheads and custom laminated fiddles—Cal!



Tall masthead sloop with a powerful foretriangle gives real lift to windward.



Navigators use the large ice box top for chartwork; finish detail shows Cal's attention to quality.



All boats built by Bangor Punta Marine are constantly being reviewed and improved. As a result, standard equipment and options are subject to change at any time. See your dealer for the latest specifications.

Standard Features for All Cals.

Hull, Deck, and Rigging

- One piece hand laminated fiberglass hulls and decks.
- Molded-in hull, stripe, and two-tone deck colors.
- Balsa and plywood cored decks with molded non-skid pattern.
- Bronze below water thru-hulls with seacocks.
- Stainless steel chainplates bolted to bulkheads or knees bonded to hull.
- Flush anchor locker in foredeck with overboard drain.
- Stainless steel double rail bow pulpit with halyard bails for attaching halyards and double stern pulpit with transom gate; stainless steel stanchions; running lights mounted on rails.
- Barient winches and 10" winch handle.
- Roller bearing mainsheet travelers.
- Painted aluminum masts and booms with luff and foot grooves.
- Double internal reef (color coded), internal outhaul, external adjustable boom topping lift.
- Standing rigging is 1 x 19 stainless steel cable with swaged terminals; stainless steel and chromed bronze turnbuckles, flush tangs and T-terminals on shrouds.
- Halyards—Color coded and internal—main, blue; jib, green; yacht braid tails spliced to stainless steel halyard cable.
- All of the yacht braid running rigging is color coded; main sheets, blue; jib sheets, green.
- Boom vang package.
- Bow light and anchor light.
- Deck hardware is chrome plated bronze, stainless steel or anodized aluminum.
- Fiberglass companionway hatches; seahoods and solid teak penboards.
- Fiberglass covered high density foam rudder with stainless steel rudder shaft.
- Non-skid colors are available in light gray, light blue, and beige at no additional charge. Hull stripes are available in mid-watch blue (navy), Chinese red, dark green, rust, and regatta blue. Two colors are available for the hulls and smooth area of the deck—white or cream.

Interior

- Fiberglass floor pan extends throughout interior, bonded to hull for added strength.
- Teak bulkheads, cabinets and trim throughout interior, except head.
- Heads finished in white laminate with teak trim.
- Foam backed fabric or vinyl hull liner for sound and moisture insulation. Fabric is treated to resist stains.
- High pressure laminate counter tops with sea rails in galleys and heads.
- High sea rails on shelves, alcoves and lockers.
- Towel ring, glass and toothbrush holder, toilet paper holder, and mirrors in heads.
- Stainless steel sinks in galley and head.
- Polyurethane foamed on insulation on iceboxes.

Machinery, Electrical and Plumbing

- 12-volt circuit breaker panels with battery volt meter, and power-on light and battery selector switch.
- FDA approved plumbing.
- Lightning ground system. (No lightning ground system provides complete protection.)
- Manual bilge pump accessible with all hatches closed.
- Sound insulation in engine room.

Cal 31—Additional Standard Features.

Hull and Deck

- Internal lead ballast bonded in place. Ballast weight—3600 Lbs.
- Hull to deck joint is bonded and covered with a two piece vinyl gunwale guard.
- Stainless steel stem fitting with anchor roller and tack pin.
- Single lifelines with turnbuckles forward and pelican hooks aft. Stern pulpit has integral, fold-down swim ladder.
- Molded fiberglass toe rails.
- Large 24" x 24" aluminum-framed translucent hatch mounted on foredeck.
- Locking dogs and stainless steel stay arms.
- 20" x 20" aluminum-framed translucent hatch mounted over main cabin.
- Locking dogs and stainless steel stay arms.
- 2 Fixed deck lights mounted in cabin house to provide extra light in head and passageway.
- 4 aluminum-framed opening ports with screens (2 in main cabin; 1 in head; 1 in forward cabin).
- 4 aluminum-framed fixed ports.

Some photos may show optional or special equipment and accessories used as photographic props.

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- 2 Bow mooring cleats.
- 2 Stern mooring cleats.
- Teak hand rails on cabin top.
- Teak eyebrow on cabin side.
- 2 Genoa/jib sheet tracks with blocks.
- 2 Barient #21 chrome genoa winches with cleats.
- Laminated wood tiller with chromed bronze tiller head fitting.
- 2 Large, lockable cockpit seat hatches open to storage lockers.
- Molded gel coat cove stripe.

Spars and Rigging

- Single spreader, double lower sidestays, split backstay, masthead sloop rig.
- 1 Barient #18 chrome winch for genoa halyard; 1 Barient #10 chrome winch for main halyard.
- 5:1 Mainsheet tackle with cam cleat.
- Barient reefing winch under the gooseneck.

Interior

- Fiberglass floorpan extends throughout interior cabins; bonded to hull for added strength; molded-in non-skid on sole.
- Textured fiberglass headliner throughout interior, with removable vinyl panel in main cabin for access to deck hardware.

Forward Cabin

- Teak bulkhead in forepeak with hinged teak door which opens to storage space.
- Large V-berth with 4" fabric covered, foam cushions; V-berth insert cushion can be lowered to form a seat, or removed to allow easier access forward.
- Teak faced storage bin forward over V-berth.
- Molded fiberglass, vented sailbin under V-berth.
- Storage space under forward portion of V-berth.
- Instrument transducer well located in floor stringer under V-berth. A flat spot in the hull allows easy installation of 2 instrument thru-hulls.
- Bifold teak door separates forward cabin from passageway and main cabin.
- Lowboy hanging locker to starboard, aft of V-berth; shelf over locker.
- 110VAC electric outlet.
- Headroom—5' 8".

Head

- Head compartment located to port.
- Marine head discharges to a deck discharge holding tank.
- Vanity with stainless steel sink, pressure cold water, hand-held shower and teak framed storage locker under. Cabin light mounted over vanity; storage cabinet over vanity with mirrored plexiglass sliding doors.
- 110VAC electric outlet.
- Teak bifold door, hinged to close off forward cabin from head and aft cabin, or to close off head, allowing use of the head and clear passage to forward cabin from main cabin.
- Large hanging locker across from head. The locker has a teak door which, when open, closes the head and forward cabin from the main cabin.
- Headroom—6'.

Main Cabin

- Port and starboard settees, with 5" fabric covered foam cushions and padded seat backs.
- Port settee seatback removes and mounts next to settee to form a large double berth.
- Starboard settee seatback swings up to increase berth sleeping space.
- Teak framed alcove and lockers above each settee.
- Bifold, bulkhead mounted dinette table with formica surfaces and teak trim; folds up to cover storage rack on mail bulkhead.
- Teak overhead grab rails.
- Teak companionway grab rails.
- 2 Cabin lights mounted on bulkheads.
- 110VAC electric outlet.
- Curtains on fixed ports.
- Carpet on cabin sole.
- Headroom—6' 3".

Galley

- Large "U" shaped galley located aft of settees.
- 2-Burner alcohol stove with oven; with s.s. stove bar.
- Dry storage bin with cover.
- Storage locker outboard to port, with bottom-hinged doors; shelf over locker.

- Deep stainless steel double sink with pressure cold water.
- 8 Cubic foot icebox to starboard with double, insulated lid; icebox drains to sink pump; large counter over icebox serves as convenient stand-up chart table.
- 3 Drawers and trash bin in galley.
- Food locker with bottom-hinged doors and a shelf over.
- Teak aft bulkhead with chart storage tube.
- 2 Bulkhead mounted lights over galley.
- 110VAC electric outlet.
- Removable teak companionway ladder provides engine access.
- Flush doors and drawers.

Mechanical, Electrical & Plumbing

- Universal 16, fresh-water cooled, 16 horsepower, 2 cylinder, diesel engine with 2:1 reduction gear. 1" bronze shaft and 2-blade propeller.
- 20 Gallon fuel tank with fuel gauge and fuel filter.
- 2 65 Amp/hour marine batteries.
- Master electronic control panel. 12 Volt system includes: battery selector/disconnect switch, circuit breakers and battery condition voltmeter. 110V system includes: master circuit breaker, branch line circuit breakers, reverse polarity indicator and 50' power cord.
- 56 Gallon fresh water capacity in 2 deck filled tanks; tank selector valves located at pressure pump, under galley; level gauges for each tank.
- Electric self-priming pressure water pump.
- Electric bilge pump.
- Gusher 8 manual bilge pump, accessible with all hatches closed.
- International running lights, mounted on pulpits.
- Stainless steel and bronze ball valve shut-offs on the through hulls.

Cal 31 Options.

- *Compass-Bulkhead Mount*—Ritchie SFB-60 or equivalent, installed in cabin aft bulkhead.
- *Compass-Pedestal Mount*—Ritchie SNF-44 mounted in steering pedestal (available with wheel steering option only).
- *Cradle*—Heavy wood storage/shipping cradle specifically designed for the Cal 31.
- *Double Lifelines*—Second set of lifeline wires installed at mid-stanchion height.
- *Helmsman's Seat*—Fiberglass filler seat designed to fit in the aft end of the cockpit. Provides an ideal spot for the helmsman when the boat is equipped with pedestal steering.
- *Hot-Water System*—Hot-water system includes 6 gallon, hot-water heater with separate circuit breaker. Water heater operated off 110VAC system and/or engine heat exchanger.
- *Marine Head with Holding Tank, Deck and Overboard Discharge*—Marine head mated to a flexible bladder type holding tank. Tank may be discharged overboard in uncontrolled waters or discharged on deck with the aid of a shoreside pump-out station. (Head with holding tank and deck discharge is standard.)
- *Raw-Water Strainer for Engine*—Raw-water strainer placed between thru-hull and engine will protect cooling system of engine from foreign particles that may be sucked in by water pump.
- *Salt-Water Galley Pump*—Self-priming manual pump, mounted at the galley sink. Thru-hull pick-up is equipped with flush bronze fitting and gate valve.
- *Self-tailing Winches*—2 Barient #23ST chrome winches mounted in lieu of standard #21 Barient genoa winches.
- *Two-Burner CNG Stove with Oven*—Gas systems, or equivalent, stove unit. CNG stove systems offer the safest method of cooking onboard, due to the fact that natural gas rises, rather than sinking to the bilge. Stove unit comes complete with fuel tank, regulator, and shut-off valve.
- *Two-Burner Propane Stove with Oven*—High quality, marine propane stove complete with tank, regulator, high-pressure hose, and safety shut-off valve. Fuel tank is mounted in separate fiberglass locker equipped with sealed lid and overboard drain.
- *Wheel Steering*—Pedestal wheel steering system with 28" wheel. Pedestal comes complete with engine controls, brake, and pedestal guard; emergency tiller provided.
- *Lifeline Gate, Port or Starboard*—Addition of two reinforced and braced stanchions just forward of the cockpit and a split in the lifelines with pelican hooks.
- *Mid-Boom Mainsheet Option*—Roller-bearing traveler at forward end of companionway hatch; mainsheet leads to Barient #10P winch at aft end of house.
- *Bow Cowl Vent*—4" diameter flexible PVC vent with chromed bronze deck plate.
- *Mainsheet Winch*—Barient 19ST chrome in lieu of Barient 10P with Mid-Boom Mainsheet Option.

Cal Boats are built by



A Division of Bangor Punta Corporation
P.O. Box 991, Fall River, MA 02722 (617) 678-5291

Cal builds a line of cruising/racing yachts in 25, 30, 31, 35 and 39 foot lengths overall. Contact your dealer or Bangor Punta Marine for additional details.