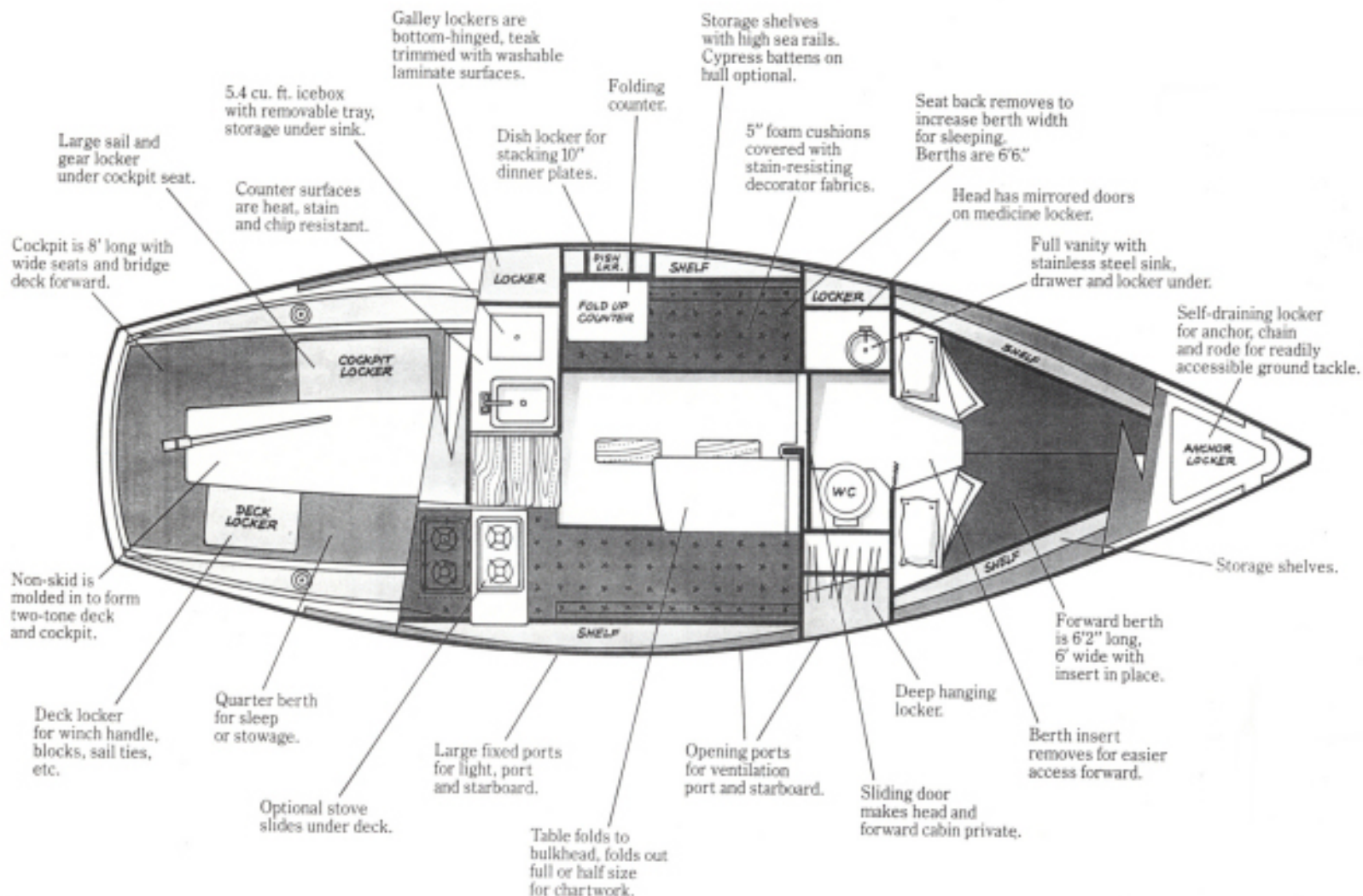


THE CAL 27



THE NEW MARK III BY BILL LAPWORTH



The head has optional pressure water and cover. Main cabin settee backs fold up for additional sleeping room.



Four can start the day with a full breakfast served on a good-sized, sturdy table. All corners are rounded for comfort and safety.



With the table up, the starboard berth can be converted into a large single or a cozy double. There's a sliding door behind the table to give the head complete privacy.

There is a fitted dish rack above the folding counter extension. Additional storage is to the right of the icebox, and a trash receptacle is just aft.



Table is useful for position plotting in half-open configuration. This allows easy passage from cockpit to head. Note shelf and optional cypress hull ceiling behind settee.



The galley is compact and efficient, with plenty of light and air. There's a full size quarter berth beneath the stove storage shelf.

This is the third 27 footer Cal has put into production over its twenty-five year history of building fast boats. Features we feel are important are: the very large cockpit; the handsome finish below especially in the galley and head; and the standard diesel inboard engine.

All Cal boats have a reputation for being competitive around the race course; the newest 27 is no exception. The underbody has an external lead ballast keel, bolted to a keel base molded as part of the hull. The keel weighs an even ton, 2000 lbs. of lead giving either four or five foot draft. The rudder is hung well aft for the most responsive steering, and wetted surface is kept low for the best performance off the wind.

Hardware on deck is the finest available. Barient winches are standard issue, putting tension on color-coded sheets and halyards. Halyards, reefing line and outhaul are reeved internally for better aerodynamics and reduced chance of fouling. Details that assure better sailing aren't overlooked or ignored on Cal boats, the experience gained over 25 years shows on every Cal we build.

The Mark III Cal 27 cockpit is generous, to put it modestly. Seats are long enough to allow sleeping under the stars. There is a bridge deck at the forward end and two generous seat lockers. One is full sized for sail and line stowage, the other is smaller, for wet gear, outboard motor fuel (if the standard diesel engine is not ordered) or deck equipment.

Toe rails and non-skid pattern are molded in, bow and stern rails are double, with international running lights mounted high for better visibility. Cal builds boats for sailing — that experience



We're getting ready to take the chute down. There's a squall in the blackness up ahead.

Comfort is not an option with Cal, it's standard on every boat we build.



Cals have always been known for downwind performance ever since winning consecutive TransPacs.

shows on every Cal ever built.

Below, we build Cals for comfort. Five berths are standard, with an optional double available for the main cabin. The forward cabin is separated from the main cabin by a full-width head, which may be equipped with hot and cold pressure water and a shower. Berth cushions are 5" foam, covered with Scotch-guard treated fabrics. Settee backs in the main cabin are removable to maximize berth width for sleeping comfort.

The galley is finished in Cal's new look: off-white, stain resisting laminates tastefully trimmed with teak. There is a sliding stove tray that slips aft and out of the way, a folding shelf pops into use for added counter space, and there's a built-in dish rack to keep things organized.



Everything about the Cal 27 is well proportioned. Cockpit, cabin and foredeck have a pleasing, blended appearance.

From design, through construction and finish, we're proud of the way we build Cal boats. They are made with lasting value as a primary concern. It's no wonder we've built so many, for happy owners.



LOA	26'8"
LWL	23'3"
Beam	9'0"
Draft	5'0" or 4'0"
Displacement	5200 Lbs.
Ballast	2000 Lbs.
Sail Area	Main 154.0 Sq. Ft.
	100%
Foretriangle	181.5 Sq. Ft.
Total	335.5 Sq. Ft.
I	33'0"
J	11'0"
P	28'0"
E	11'0"
Mast Height Above Water	36'4"
Berths	5
Fresh Water Capacity	22 Gallons
Ice Box Capacity	5.4 Cubic Ft.
Fuel Capacity	12.5 Gallons
Engine	Diesel — 7.5 HP

On a reach, this Cal's a going machine! Mike is on the sea hood that keeps water and spray from getting under the hatch. Jim's just lazing along, steering this easily managed boat with one hand.



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 hulls' 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 penboards.
- Fiberglass covered high density foam rudder with stainless steel rudder shaft
- Non-skid colors are available in light gray and beige at no additional charge. Hull stripes are available in mid-watch blue, Chinese red, British Racing Green or mahogany. 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 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, 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.

Mark III Cal 27 Standard Features.

Hull and Deck

- External lead ballast; choice of two drafts – 4' or 5'. Ballast weight – 2000 lbs.
- Hull to deck joint is bonded and covered with a 2-piece vinyl gunwale guard.
- Stainless steel chainplates and stemhead fitting with tack pin.
- Bow rail, split stern rail and stanchions and single lifelines with turnbuckles forward and pelican hooks aft.
- Molded fiberglass toerails

- Flush tinted Plexiglas forward hatch.
- 4 Opening ports with screens: 2 ports in main cabin; 2 ports in head.
- 2 Fixed aluminum framed ports in main salon.
- 2 Bow mooring cleats mounted on rail.
- 2 Stern cleats.
- Teak handrails on cabin top.
- 2 Genoa/jib sheet tracks with blocks.
- 2 Barient #18 two speed chrome Genoa winches with cleats.
- Laminated wood tiller with chromed bronze tiller head fitting.
- 80" Cockpit with bridge deck and taffrail seat; one lockable seat hatch opens to storage area; one wet gear locker (serves as outboard gas tank locker on outboard version).

Spars and Rigging

- Single spreader; double lower sidestays; split backstay; masthead sloop rig.
- 2 #10P Barient chrome winches for halyards.
- Boom vang package.
- Internal, color coded reef and outhaul: boom topping lift.

Interior

- Full length, one-piece fiberglass headliner in forward cabin, head and main cabin. Color is white.
- Fiberglass floor pan extends throughout interior cabin; bonded to hull for added strength; molded nonskid on sole. Color is cream.

Forward Cabin

- Teak bulkhead in forepeak.
- Shelves over V-berth with teak sea rails.
- 6'2" long, 6' wide V-berth with 3'6" sitting headroom; 4" fabric covered foam cushions with removable insert.
- Light over berth.
- Storage under berth.
- Accordion door separates V-berth from head.
- I lull lined with foam backed fabric.

Head

- Mid-cabin head compartment runs athwartships.
- Marine head discharges to holding tank with deck pump-out.
- Off-white laminate vanity (top and face) to port, with stainless steel sink and manual faucet; drawer and cabinet under.
- Storage locker over vanity with mirrored Plexiglas sliding doors.
- Light over vanity.
- Hanging locker outboard of head to starboard. Locker face is off-white laminate.
- Sliding teak door separates head from main cabin.
- Fore and aft bulkheads are teak.

Main Cabin

- Port settee extends through bulkhead to form 6'6" bunk.
- Starboard settee and quarter berth form 2 full length bunks.
- Fabric covered 5" foam settee cushions.
- Storage under port settee.
- Padded seat backs remove and store to increase sleeping room.
- Shelves with teak sea rails over settees.
- Lights above settees.
- Teak overhead grab rails.
- Bulkhead mounted, double leaf table with Formica surfaces and teak trim.
- Curtains on fixed ports.

Galley

- 5.4 Cubic foot insulated fiberglass icebox with tray and insulated lid; icebox drain discharge to sink through hand pump.
- Stainless steel sink with manual faucet.
- Trash pass-through with waste basket mounted under cockpit.

Cal Boats are built by

BANGOR PUNTA MARINE



A Division of Bangor Punta Corporation
848 Airport Rd., Fall River, MA 02720-4793 (617) 678-5291

- Storage locker outboard to port; storage in locker under sink and under top companionway step.
- Dish storage locker forward of galley, outboard of port settee cabinet; door becomes galley counter extension in the open position.
- Removable companionway teak steps provide access to engine.
- Light over galley.
- Sliding tray over quarter berth for stove.

Electrical; Mechanical; Plumbing

- 1 battery in plastic box.
- Circuit breaker panel for 12 volt system, with battery selector/disconnect switch.
- International running lights.
- 22 Gallon fresh water tank under starboard settee.
- Diaphragm hand bilge pump; accessible from cockpit with all hatches closed.
- Stainless steel and bronze ball valve shut-offs on bronze through hulls.
- 7.5 HP diesel with 12.5 gallon fuel tank; fuel filter; fuel gauge 1" bronze shaft and two blade prop. Engine room insulation.

Mark III Cal 27 Options.

- *Battery, Extra* – Additional battery in plastic battery box.
- *Compass* – Bulkhead Mount – Ritchie SFB-60 or equivalent installed in cabin aft bulkhead.
- *Cradle* – Shipping and storage cradle designed specifically for Cal 27.
- *Double Lifelines* – Second set of lifeline wires installed at mid-stanchion height.
- *Electric Bilge Pump* – Submersible electric pump wired to switch on electrical panel.
- *Marine Head with Holding Tank, Deck and Overboard Discharge* – Standard 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 shore-side, pump-out station.
- *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 ball valve shut off.
- *Bow Cowl Vent* – 4" Flexible PVC cowl vent with chromed bronze deck plate installed on foredeck.
- *Transom Boarding Ladder* – Stainless steel boarding ladder folds into stern rail. (Not available on outboard version.)
- *Self Tailing Winches* – #19 ST Barient in lieu of standard #18 Genoa winches.
- *Shore Power* – 110V AC system with outlets in head and galley; 30 AMP main breaker; reverse polarity indicator; 50' power cord.
- *Hot Water* – 6 gallon water heater operates off 110V AC and engine heat exchanger (must order shore power and pressure water).
- *Pressure Water* – Self priming 12V DC pressure pump connected to faucets in vanity and galley; hand held shower in head.
- *Extra Water Tank* – Second 22 gallon tank installed under port settee; deck fill; connected to plumbing system through a selector valve.
- *Wheel Steering* – Edson radial drive steering with 24" wheel installed in lieu of tiller; emergency tiller provided; brake and engine controls mounted on pedestal on inboard model.
- *Pedestal Guard* – Edson stainless steel pedestal guard installed.
- *Compass* – Pedestal Mount – Ritchie SP-5 or equivalent installed in pedestal (must order wheel steering option).
- *Carpet* – Shag carpet in main cabin per current offerings.
- *Double Berth* – Sliding extension converts starboard main cabin settee to a 6' long double berth.
- *Cypress Battens* – Main cabin above settees in lieu of fabric hull liner.
- *Stove, Alcohol 2-Burner* – Recessed stainless steel non-pressurized alcohol stove installed in sliding tray
- Cal builds cruising racing boats of 24, 27, 9.2 meters (30), 31, 35, 39 and soon, 43 feet.