

THE CAL 31.

Standard Boat Dimensions

HULL DIMENSIONS

• 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

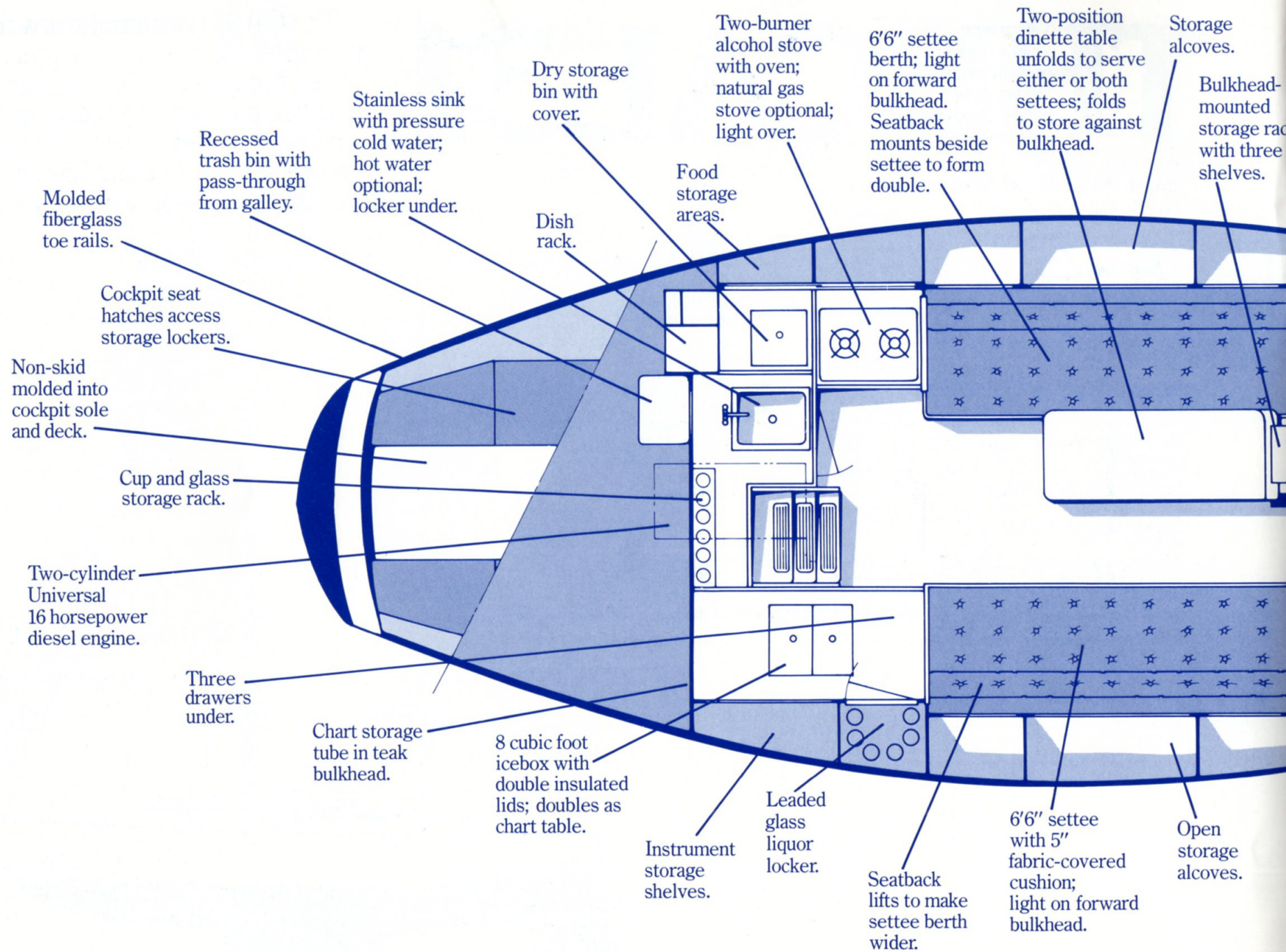
RIG DIMENSIONS

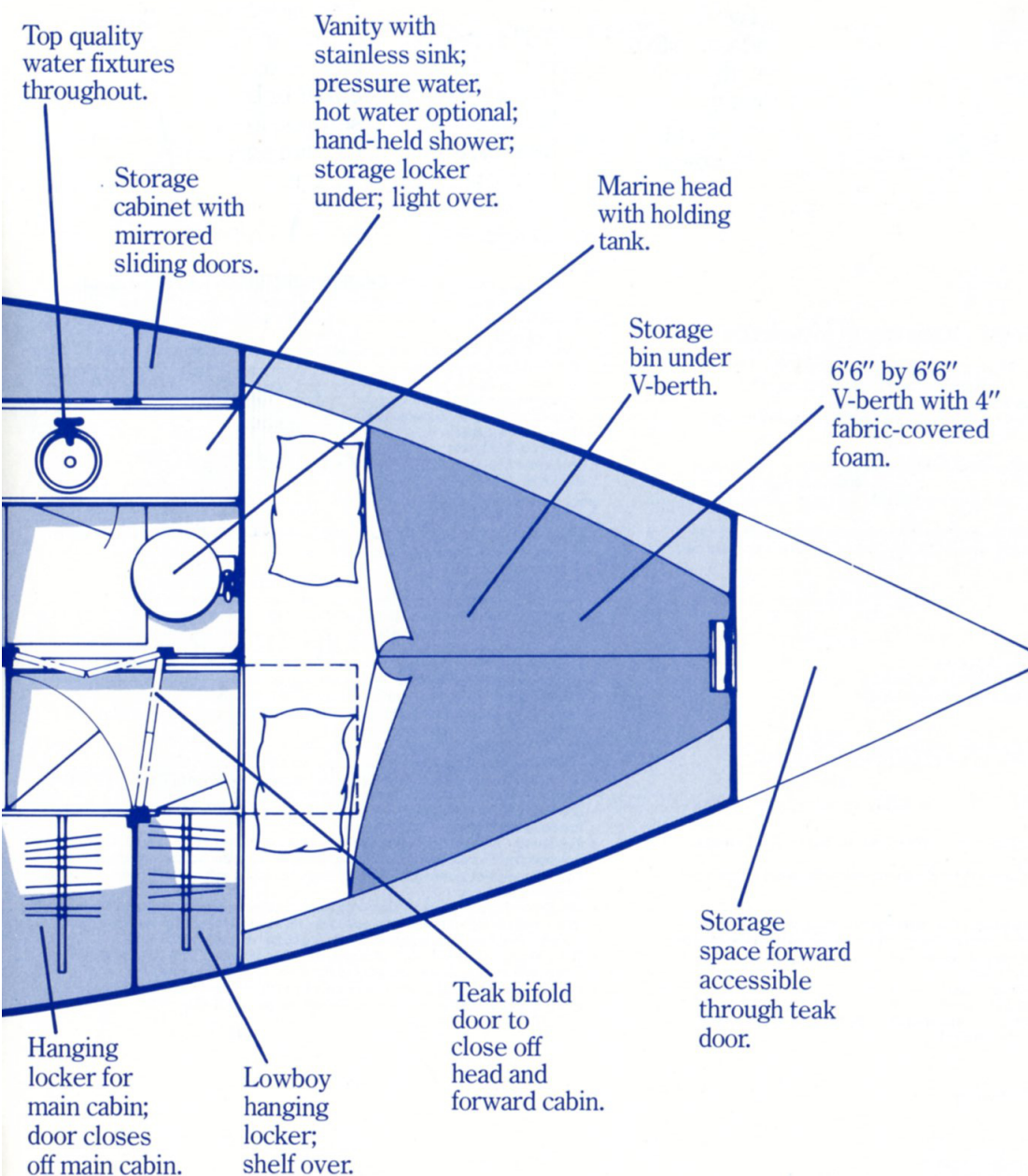
• I	41'6"	12.65 Meters
• J	13'5"	4.11 Meters
• P	35'0"	10.67 Meters
• E	12'0"	3.66 Meters
• 100% Foretriangle	280 Sq. Ft.	26.01 Sq. Meters
• Mainsail Area	210 Sq. Ft.	19.51 Sq. Meters
• Total	490 Sq. Ft.	45.52 Sq. Meters
• Mast Height Above Water	45'5"	13.84 Meters

MISCELLANEOUS

• Berths	5	5
• Fresh Water Capacity	56 Gallons	212.8 Liters
• Ice Box Capacity	7.7 Cubic Ft.	218.0 Liters
• Fuel Capacity	20	76.0 Liters
• Engine	Universal 16HP, 2 cylinder, fresh water cooled diesel	







The Cal 31 is a straightforward, no-nonsense, fast cruising and club racing boat for four or five people who like the look and feel of quality. And like the details that an experienced designer like Bill Lapworth can build in to assure skipper and crew's comfort.

Cal performance has been legendary for twenty years, and this is no exception. All of the basic gear is included for fast cruising. Add a few options and you're off to the races. (Consult the back of this brochure for a complete list of standard features and available, factory-installed options.)

On deck, you're aboard a strong fiberglass boat with stainless steel double-rail pulpits and double lifelines, teak handrails, big Barient winches and the best in hardware. Below, you're in a classic teak boat. All furniture and bulkheads are teak. There's a strong teak handrail overhead in the main cabin, and the designer fabrics are both attractive and practical afloat.

Most people who own Cals have owned another boat before. You'll see why they chose Cal the second time the first time you step aboard.

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 sea-cocks.
- 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 bridle 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; sea-hoods 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 and wipeouts 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.

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.
- Dish rack built into bulkhead aft of galley; cup/glass storage rack mounted on galley counter.
- Storage locker outboard to port, with sliding plexiglass doors; shelf over locker.
- Pass-through to trash pail mounted in seat locker.
- Deep stainless steel sink with pressure cold water.
- 8 Cubic foot icebox to starboard with double, insulated lid; icebox drains to bilge; large counter over icebox serves as convenient stand-up chart table.
- 3 Drawers and 1 locker in galley.
- Liquor locker with leaded glass door. Space for instruments aft of liquor locker.
- Teak aft bulkhead with chart storage tube.

- 2 Bulkhead mounted lights over galley.
- 110V AC 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.
- 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 - 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.
- 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.
- 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.
- 110V AC 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 storage locker under. Cabin light mounted over vanity; storage cabinet over vanity with mirrored plexiglass sliding doors.
- 110V AC 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 main bulkhead.
- Teak overhead grab rails.
- Teak companionway grab rails.
- 2 Cabin lights mounted on bulkheads.
- 110V AC electric outlet.
- Curtains on fixed ports.
- Carpet on cabin sole.
- Headroom - 6'3"

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 110V AC 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.

Cal Boats are built by



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