

DESIGN DIMENSIONS

LOA 37 ft
LWL 34.0 ft
Beam 12.0 ft

DRAFT

Fin 6.5 ft
Beavertail 4.83 ft
Displacement 15,000 lbs

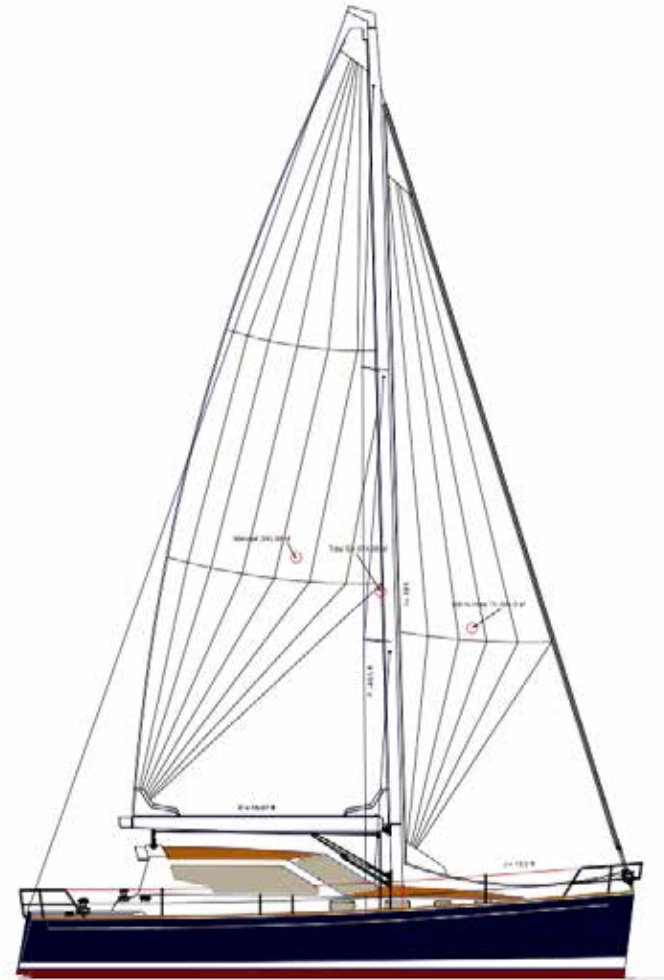
BALLAST 5,500 lbs

CAPACITIES

Fuel 100 gal
Water 120 gal
Holding Tank 40 gal
Auxiliary 75 gal
Berths 4

SAIL DIMENSIONS

Sail Area 674.4 sq ft
I 48.0 ft
J 13.5 ft
P 46.5 ft
E 15.0 ft
Mainsail Area 350.4 sq ft
100% foretriangle 324 sq ft
Bridge clearance 59.0 ft
Ballast/displacement 37%
Displacement/length 170.4
Sail area/displacement 17.81
Max speed under power 10 knots
Cruising speed 8+ knots
Designer Tim Jackett and the Tartan Design Team



IMAGINE A DIFFERENT CRUISING EXPERIENCE

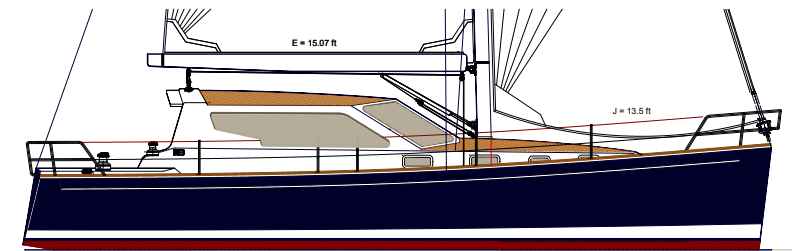
For some cruising sailors, the “right” boat just might not be out there. Enter a new concept; developing affordable custom or semi-custom solutions. The Tartan Custom 37 Deck House Sloop was born to address the way many of us cruise under sail. Most cruising involves a large amount of time under power, why not maximize the performance under power, and provide a comfortable place to pilot the boat under power or sail? With 10 knots of powering performance and when the wind is right, the ability to put miles under the keel under sail extends your cruising range and the ability to be protected from the elements will make the journey more enjoyable. Whether it’s a trip down the “ditch,” a two week summer cruise down east or a cruise to Catalina, this may be the perfect solution.

HULL

- NPG Isophthalic gelcoat
 - Infused epoxy modified vinylester hull
 - Locally reinforced at high load areas
- Closed cell synthetic foam hull coring
- Resin infused hull laminated in “one shot”eliminating secondary bonding of structural materials
- Interior surfaces painted out for aesthetics
- Internal structural grid designed to carry rig and keel loads, glass taped into hull
- UL and ABS approved, corrosion free Marelon flush thru hull fittings
- All hull penetrations made into solid fiberglass “core windows”
- Built to meet ABS Plan Certification
- Transferrable 15-year hull structural and blister warranty

DECK

- NPG Isophthalic gelcoat
- Infused epoxy modified vinylester deck
- CNC computer cut sealed end grain balsa coring locally reinforced at high load areas
- Molded nonskid surface on working areas
- All deck penetrations made into solid fiberglass “core windows”
- 6061 T6 aluminum backing plates added at lamination for all loaded hardware
- Inward facing hull flange with integrally molded 6061 T6 aluminum bar forming a full length backing plate for hull to deck joint
- Hull to deck joint fasteners, stainless steel to meet or exceed ABS standard for offshore use
- Hull to deck joint bonded with 3M 5200 adhesive sealant



KEEL & BALLAST

- Deep fin beavertail bulb design
- 5,500 lb deep fin, 5,500 lbs beavertail
- Deep keel is thru-bolted to hull with cast in place stainless steel bolts

RUDDER & STEERING SYSTEM

- Helm deck hydraulic steering standard, with full engine controls
- Aft cockpit steering option;
 - Twin wheels
 - Hydraulic steering
 - Dual compasses on stainless steel guards
 - Single lever engine controls at port helm position
- High density closed cell rudder blade with reinforced fiberglass skins
- High tech, high strength carbon fiber rudder post for optimized rudder shape
- High density, low friction rudding bearings
- Gaiter type water seal on rudder
- Emergency tiller

Sophisticated Designs · Exceptional Performance · Superior Value

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VENTILATION

- (4) Stainless steel unlimited offshore CE approved deck hatches
- (8) Cabin side mounted stainless steel opening port lights with fly screens
- Full opening aft helm deck door

ENGINE & MECHANICAL

- 75 hp diesel saildrive with two blade folding propeller
- 100 gallon fuel tank capacity with remote gauge
- Fuel filter/water separator
- Lead lined engine insulation
- Engine service access from helm deck hatch

ELECTRICAL

- Batteries, (3) Group 27
- 30 AMP battery charger
- Polished chrome and stainless steel interior lighting
- Automatic lights in hanging locker, liquor locker and refrigerator compartments
- Service lighting in engine compartment
- Directional reading lights at berths
- Directional spot lights in galley and over table
- Recessed, dimmable overhead spotlights in cabin over head
- Interior, cockpit and swim ladder courtesy lighting
- (2) 30 amp shore power services
- 110 VAC distribution panel
- 110 VAC shore power outlets in each cabin with GFI protection
- 12 VDC metered distribution panel
- Battery selector switch
- Electrical bonding system
- Electric sump pump with automatic float switch for icebox and shower drains
- Electric bilge pump with automatic float switch with manual override
- High water bilge alarm
- UL approved, stranded, tinned copper wiring
- Wiring bundled in PVC conduit with room for future installations
- All wiring chafe protected where it passes through internal structure
- ABYC compliant color coded wiring throughout
- USCG approved navigation lights on bow rail, stern rail and mast

GALLEY & PLUMBING

- 3 burner Force 10 gimbaleed LPG stove with oven and broiler
- LPG sniffer with automatic shut off
- Cherry faced cabinetry with raised panel access doors
- Cherry faced, dovetailed cutlery drawers
- 9" deep stainless steel double sinks with premium marine grade galley faucet and manual foot pump with swivel spigot
- Corian solid surface galley countertops
- Storage under galley sink through ventilated raised panel cherry doors
- Hinge out galley trash bin with cherry raised panel door access
- Vitra Frigo drawer style stainless steel refrigerator
- Hot and cold pressure water with service access to pump and plumbing
- Polyethylene tubing and Whale mechanical fittings for fresh water plumbing
- All below waterline hose connections are double clamped with stainless steel hose clamps
- Premium marine grade hoses used throughout
- 120 gallons of freshwater tankage with distribution manifold
- 6 gallon water heater, operates on 110 VAC or engine heat exchanger

HEAD

- Marine head with 40 gallon holding tank
- Deck pump out with vent
- Low odor premium marine grade sanitation hose
- Separate stall shower with Plexiglass enclosure and molded seat
- Shower drains to separate sump box with automatic overboard discharge
- Premium marine grade head faucet and shower mixer
- Corian solid surface counter tops with stainless steel sink
- Utility storage under sink through raised panel cherry door
- Solid cherry face upper vanity cabinet with storage

ACCOMMODATIONS & STORAGE

- Forward cabin with storage lockers, hanging locker and dovetail drawers
- Cherry tongue and groove-hull sides in forward cabin
- Furniture grade helmdeck settees and seats with contoured cushions
- Cherry cabinets with ventilated raised panel doors throughout
- Helmdeck converts to double berth
- Navigation station to port with upholstered captain's chair
- Helm console with installation space for extensive electronics with upholstered captain's chair
- Storage below berth
- Cockpit lazarette hatches port and starboard
- Propane gas bottle storage in cockpit for two 11lb tanks

INTERIOR

- Structural fiberglass timbers taped to hull to carry mast and keel loads
- Structural bulkheads bonded to hull and deck
- Cherry faced bulkheads and risers
- Solid stock cherry trim throughout
- Solid stock raised panel cherry passage doors in cherry door jambs
- Polished chrome mortised door lock sets
- Solid stock cherry cabinet faces throughout
- Positive lock polished chrome cabinet hardware
- Solid cherry face, dovetail joined, all wood drawers throughout
- Cherry table with Tartan logo inlay
- Cherry battened overhead with strategically placed access panels
- Varnished teak and holly cabin sole with teak banded access panels
- Varnished teak handrails placed for security in seaway
- Interior woodwork sprayed with satin finish catalyzed
- Selection of designer fabrics available for interior upholstery

SPARS & RIGGING

MAST

- Painted aluminum mast with sheaves for (1) jib, (1) main, (1) reacher and (1) spinnaker halyard
- Tapered airfoil swept spreaders
- 1x19 Stainless steel wire rigging with forged turnbuckles
- Internal halyards
- Harken furler for self-tacking jib
- Masthead anchor light
- Custom stainless steel chainplates
- Steaming light with foredeck illuminator
- Mast wiring conduit

BOOM

- Leisure furl in boom furling
- Boom topping lift
- Rod vang with tackle led aft

RUNNING RIGGING

- Low stretch main and genoa halyards
- Polyester double braid jibsheet and mainsheet
- (2) polyester double braid reef lines

SAILS

- Fully-battened in boom furling mainsail
- Dacron self tacking jib

DECK HARDWARE

- (2) Harken 46.2 STC (self-tailing chrome) primary winches
- (1) Harken 40.2 STC (self-tailing chrome) aft house top winch
- (1) Harken 40.2 STC (self-tailing chrome) main halyard winch
- Harken self-tacking jib traveler
- 27" x 1 1/8" diameter stainless steel stanchions
- 27" x 1 1/8" tube double stainless steel bow rail with navigation light
- 27" x 1 1/8" tube double stainless steel split stern rail with navigation light
- 1 x 19 double lifelines with port, starboard and transom boarding gates
- Stainless steel stem fitting with integral bow roller
- Custom fabricated bow mooring chocks
- Stainless steel 10" bow mooring cleats
- Custom fabricated midship mooring chocks
- Stainless steel 10" midship mooring cleats
- Stern stainless steel quarter caps
- Stainless steel 10" aft mooring cleats
- Teak caprail through-bolted to hull flange
- Teak taffrail
- (2) Harken aluminum winch handles
- (6) Spinlock rope clutches for aft sail control leads
- Harken stacked double aft lead control blocks
- Harken turning blocks at base of mast for aft sail control leads
- Custom stainless steel mast collar with multiple attachments for mast base blocks
- Match molded anchor locker lid with latch
- Deck drains to waterline discharge, eliminates hull streaking
- Stainless steel housetop handrails
- Cockpit mounted manual bilge pump
- Strategically located molded drink holders in cockpit
- Offshore ready, molded, gasketed cockpit seat hatches
- Hinge down swim platform