

***“LEVITY”, TRUANT 33 Deck Saloon
Designed by Bill Garden, NA, Design No.611.***

Built by Ray Betts & crew at TRUANT MARINE Ltd., on Saltspring Island, BC, as the TRUANT 33 and after 1981 as the SATURNA 33 on Vancouver Island.

TRUANT 33 models have smooth hulls; while SATURNA models have plank lines moulded-in. There are three 33 models: a cruising sloop and two motor sailers: a pilot house with inward sloping windows, and a deck saloon motor sailor with outward sloping windows. The latter built only by TRUANT.

Description: North Sea deck saloon pilot house, bermudian sloop-rigged motor sailor with raked stem and canoe stern, diesel auxiliary, encapsulated long fin keel with lead ballast, and skeg supported rudder.

“LEVITY” has been refit, including rewired, replumbed, repowered with new BETA 35 h.p., T-D g/box and CAMPBELL SAILER propeller, LED lighting, navigation electronic aids, anchor windlass, mast pulled painted and rewired, new NEIL PRYDE fully battened mainsail and furling genoa, cushions and many others. The furling main has a deep 3rd reef to allow use as a steadying sail while motoring.

***DIMENSIONS & SPECIFICATIONS
CONSTRUCTION***

HULL: Single-skin laminated fibre-glass reinforced polyester orthophthalic & isophthalic resins, FOREST GREEN 2-part AWLGRIP painted hull, interior surfaces over-coated with waxed off-white gel-coat, encapsulated cast lead ballast keel. Accommodation area insulated with closed cell foam & Mylar faced polystyrene board.

*DECK & HOUSE: 1 / 2 ”
CONTOURKORE balsa cored FRP on horizontal deck surfaces and*

KLEGECELL PVC foam core to the pilot house top, with white gel-coat exterior & HATTERAS CREAM stippled non-skid, vertical surfaces single skin FRP, alloy framed safety glass windows, foredeck escape hatch.

RUDDER: Moulded foam-filled FRP and partial skeg on SS skeletal frames with 1.5” SS rudder post, cast bronze intermediate heel bearing, rudder tube with stuffing box, closed propellor aperture.

HULL to DECK JOINT: overlapping FRP flange with teak cap rail

mechanically and chemically bonded, and FRP laminate over.

MAST STEP: Solid FRP in way of deck, teak compression post set in epoxy on forward end of ballast keel, tabernacle on deck.

BULKHEADS: Marine plywood tabbed to hull and deck. Hull Stringers & Engine Bearers: Fir beams with FRP over.

CHAIN PLATE & HYDRAULIC RAM KNEES: FRP over marine plywood.

Chain Plates: Polished SS with SS bolts, backing plates & washers.

RUNNING GEAR: VETUS bronze stern tube with engine RW injected PSSI dripless stuffing box & DURAMAX intermediate and hull cutless bearings. Pillow-block for intermediate shaft support on mahogany bearer epoxy laminated to the hull, bearing FYH NAP207-20J.

PILOT HOUSE: Safety glass windows with clear LEXAN insulating covers. Insulated headliners and berth ceilings.

INTERIOR FURNITURE: Teak faced marine plywood & trim, fir framing, cedar overheads, vinyl on exposed FRP surfaces, painted coatings, brass and SS fastenings throughout.

NAVIGATION: Standard DIRIGO magnetic compass (portable). FURUNO touch-screen GP1871F Plotter & Sounder with CMAP NAD025-SD Canada West, RAYMARINE ACU-100 Evolution

hydraulic autopilot with jog steering and rudder indicator, ICOM IC-M506 AIS VHF & masthead SHAKESPEARE antenna. AQUASIGNAL 36 sailing LED masthead tri, anchor, steaming & deck lights. Secondary AQUASIGNAL 36 motoring lights port, starboard & stern lights on house for use when the mast is removed.

SAFETY: JABSCO manual bilge pump at helm, RULE LP900S fully automatic vacuum bilge pumps to engine & forward bilge compartments with BSS fused 3-position switches at panel. Radar reflector on starboard shroud. Push-Pit Rail-mount life-ring with 15m braided PP line. Hull mounted SS ladder rungs from WL to cap rail at stern. Fire extinguishers: machinery KIDDE 2-a, 10-b-c 3.2 kg, galley KIDDE a-b-c 1.64 kg, fire blanket 2.25m² at galley. COMET flare pack. AFI windscreen wiper to Starboard and hand operated wiper to port (spare wiper & motor), tapered wooden bungs for all through hulls.

ANCHORING & MOORING: YSE cast alloy mooring cleats, open chocks at bow & stern & SS mooring cleats midship. Twin anchor roller SS stem fitting with bronze & nylon rollers. LOFRANS TIGRES 12V DC 1500w horizontal windlass with foot switches, 7mm gypsy, in-line breaker, master switch & solenoid control at panel,

custom SUNBRELLA cover. BRUCE 20kg anchor with KONG swivel & 60M 7mm galvanized chain, SS chain hook. DANFORTH 8kg x 2 stern anchors with chain and rope rhodes. Stern tie 60 m floating braided PP line.

ELECTRICAL: 2x6V & 1x12VDC AGM house batteries. 1 x 12V DC AGM engine start battery, BEPCO760DSC battery master switch and combiner. 1 X 110w XANTREX Flexible Solar Panel 780-0100-03 mounted on bimini with EPEVAR Tracer-AN MPPT solar panel regulator with M50 remote. MAGNUM 1500AE 110V AC pass through power supply, 1500W inverter & 70A battery charger, BSS 2 position master switch, 250A fuse, MAGNUM remote control at panel. Custom electrical panel with IP66 circuit breaker protected back-light switching, circuit breakers and fused switching. MARINCO SS Inlet with 50' 30A cord. BEPCO navigation panel at helm. MARINETICS AC main panel with master breaker, 5-breaker panel, & polarity indicator, 4 x USB outlets 12V DC 2.1A ea. 2 x USB outlets 120V AC 2.1A ea. Propeller shaft ground brush to engine. 1.25" zinc anode on shaft and teardrop anode on bronze rudder heel fitting.

PLUMBING: Braided 1/2" PVC suction & PEX pressure lines. WHALE auto-pressure pump, MOEN mixer tap with spray

extension & SS soap dispenser. FYNNSPRAY manual FW pump at galley. WHALE shower & mixer taps in heads. TORRID 11USG 120V AC hot water tank (pressure release valve replaced 2019). JABSCO manual heads with anti-siphon valve, shields hose, TODD 40L PE holding tank, direct & deck discharge via JABSCO y-valve.

UNDERWATER SEA COCKS & THROUGH HULLS:

Below W.L. 2 x 1 1/2" cockpit drains; 3/4" engine raw water inlet; 1" galley & heads sink drains; 1 1/2" heads discharge; 3/4" heads raw water inlet. One cockpit drain and the galley sink drain are bronze, all others MARELON.

ABOVE WL THROUGH HULLS:

4 x deck scuppers; shower sump drain; 2 x automatic & 1 manual bilge pump. Other, anchor locker drain; holding tank vent; holding tank deck vacuum connection; 2 x deck fuel fills; 2 x fuel tank vents (1 T-ed for stove day tank); 1 x water tank fill (2 x water tanks self-levelling filled from 1 x filler), 2 x water tank vents; VETUS SS engine exhaust.

TANKAGE: 500L diesel No.2 in 2 x 250L coated mild steel baffled tanks with sounding ports, shut-off valves, vented. 360L FW in 2 X 180L equal coated SS baffled tanks, with shut-off valves, vented. 1 x 30li coated mild steel day tank for diesel stove, with shut-off valve, vented, additional shut-off

valve at stove; 1 x 40L TODD poly holding tank, vented, external sight gauge.

ENGINE: BETA 35 h.p. @ 2800 RPM, TWIN-DISC TMC60 2.45:1 reversing g/box, DEVOE adapter, flex coupling, 1 1/4" SS shaft +5 degrees up angle, MORSE twin lever engine controls.

BETA AVB Panel with keyed ignition, RPM meter, Push-to- Stop button, panel light, audio visual alarms for oil pressure, temperature & voltage.

VETUS LP50 waterlift muffler, DEMPMP50 mixer, N LPG50 gooseneck, MARELON anti-syphon vent & VETUS RW inlet strainer w/ top access. FACET 120 Li/hour Electric fuel pump to DICKINSON day tank & for engine bleeding. RACOR 2 micron fuel filter. Neoprene fuel & engine coolant lines. SOUNDOWN lead impregnated mylar faced insulation. RACOR RK19671 fuel vacuum gauge.

STERN GEAR: 1 1/4" SS shaft (new 2012) removed & serviced during refit. MICHIGAN D18RH14P 3-bladed bronze (spare) & D18RH13P CAMPBELL SAILER propellers. Bronze DURAMAX cutless bearing.

STEERING: WAGNER AW hydraulic pump at console, SEASTAR composite nylon tubing, balance valve. WAGNER Model N85 ram, 1.5" SS rudder post with 3/8" key-way, cast tiller arm ,

bypass-valve. Sailing tiller with quick release pin for sailing and emergency use. 28" SS destroyer wheel at inside console.

RIGGING & SPARS: PACIFIC SPARS HATTERAS OFF-WHITE 6062 extruded aluminum alloy main mast with attached mainsail track, wiring conduit to masthead, foam sound proofing, internal halyards, galvanized tabernacle, single spreaders with flag halyards, mast with boom (all stripped to bare metal, re-coated with ENDURA paint systems (fluoride & sulphuric acid wash, ALADYNE phosphoric acid etch, 2-part chromate rich epoxy primer, linear highly cross linked Polyurethane HATTERAS CREAM 2-part top-coat (2018)), sheaves serviced & replaced as needed, new forestay, (PROTECH, 2018), rewired, fastenings replaced. SS1X19 standing rigging with ARCO eyes. HASSELFORS open turnbuckles, 1/2" pins. SAMPSON 10mm double braid & 5mm paralay Polyester running rigging (2018).

SAILS: Tanbark NEIL PRYDE full-batten main (2022) with 2 x reefs and deep reef for stability when motor sailing & NEIL PRYDE 125% furling genoa (2018). 2 x ARCO 40A primary & 2 x BARLOW 16A halyard winches. HARKEN CRUISING ESP1 Jib furling spar on forestay (2018) with SPINLOCK Stanchion-mount fairleads, SCHAEFER cam cleats. Genoa 1.25" anodized alloy tracks

mounted on cap rail with RONSTAN and SCHAEFER cars. SS chain plates. BARTON (2018) & RONSTAN main sheet blocks & line stoppers. SPECTRUM galvanized tabernacle with integrated dedicated stove combustion air intake. The tabernacle allows the mast to be lowered using the electric windlass for boat house storage (40ft slip required), "LEVITY" can be used as a motor yacht with main mast removed.

FIT-OUT: GOIOT Fore deck escape hatch. GRAY MARINE Saloon hatch with mosquito screen. 6 x GRAY opening portlights with mosquito screens. 8 x safety glass windows in PH + 1 x opening tempered glass at helm. Teak door to PH with PERKO chromed brass lockset, and tempered glass insert. all fixed windows fitted with 5mm clear LEXAN for insulation & safety. All LED lighting. SS Push- and pulpits. Gates with RONSTAN pelican hooks. YSE bushed alloy stanchions & cast alloy stanchion bases. 2 x plastic coated SS life lines. SS Handrails on house and PH. SUNBRELLA Forest Green fixed Bimini on SS bows, dodgers, windscreen, boom cover, & anchor windlass cover. SS safety rail over DICKINSON stack.

ACCOMMODATIONS: Forward cabin: V-berth, book shelves P&S, storage under, 2 x lockers, chain locker access, collision bulkhead, fore deck escape hatch, 2 x GRAY

MARINE opening port lights, SS hand rail, 2 x VETUS LED bulkhead lights; Hallway: large hanging locker, locker, 3 x drawers, 1 x GRAY MARINE opening port light; Heads: JABSCO manual Heads, vanity storage locker, shower pan, WHALE shower with mixer taps, 1 x GRAY MARINE opening port light, LED dome light, VETUS 3" UFO vent; Galley: 2 x SS deep sinks, MOEN faucet, FYNNSPRAY manual water pump, FORCE10 SS single burner gambled propane stove, DICKINSON PACIFIC diesel stove with 5" SS chimney with 12V DC fan, with barometric damper & balanced flue, low-sulphur baffle, burner ring, & super burner, pot retainers, storage, DICKINSON RADEX 12000btu 12V DC bus heater from engine FW calorifier with manual bleed valve, ARBORITE counter tops, 2 x SS hand rails, NORCOLD NR740BB 12V DC/110V AC refrigerator (2017), 1 x GRAY MARINE opening port light, LED dome light; Chart table: full sized chart table, AC & DC (2017) panels, solar panel regulator, inverter control, LED lighting, chart drawer, drawer, locker; 2 steps to Steering console: under-step storage, locker, TODD seat on SS frame, opening tempered glass window, SS handrail, 1 x AFI electric windscreen wiper, 1 x SEADOG manual wiper; Dinette: U-shaped convertible dinette with hinge-up

teak table, Opposing 2 seater settee, 1.25"SS hand rail, Deep, double quarter berth; 2 steps to cockpit with under-step storage, removable teak door with tempered glass insert and PERKO lock-set, lazaret and cockpit storage locker access, out-board motor bracket, access to steering components, substantial storage.

SOFT FURNISHINGS: ivory vinyl cushion covers over foam, curtains & interior window covers in PH.

MISCELLANEOUS: PIONEER CD player/radio. Boat hook. Lines, warps, & fenders. Barometer. Temperature and hydrometer gauge.

SPARES: Tempered glass PH window. LOFRANS 3/8BBB chain gypsy. AFI wind screen wiper motor & wiper blade.

NOTES

Fuel conditioner (stabilizer) and biocide with each fill-up.

Service pillow block bearing annually.

Anodes, JOTUN anti-fouling, remove MICHIGAN D18RH14P, fit CAMPBELL SAILER D18RH13P, replace 4 bronze seacocks and through hulls (engine RW inlet, head vanity sink drain, head RW inlet, port cockpit drain) with MARELON, move solar to bimini top. Oct'21.