

OUT ISLANDER 64' LONG RANGE CRUISING BOAT
 Designed by Tom Fexas Yacht Design
STANDARD SPECIFICATIONS
 ALL MATERIALS & EQUIPMENT SUBJECT TO CHANGE WITHOUT NOTICE

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OVER ALL LENGTH (W / O SWIM PLATFORM & ANCHOR PLATFORM)	64'
OVER ALL LENGTH (W / SWIM PLATFORM & ANCHOR PLATFORM)	71' 3"
DESIGNED WATERLINE LENGTH	58' 1"
BEAM	19' 5"
PROPELLER DRAFT (FULL LOAD)	5' 0"
KEEL DRAFT (FULL LOAD)	5' 3"
DISPLACEMENT (HALF LOAD)	108,000 LBS
FUEL CAPACITY	1,860 GAL
WATER CAPACITY	400 GAL
HOLDING TANK CAPACITIES	150 GAL
STANDARD POWER:	Twin Caterpillar C-12 700 HP
STANDARD GENERATOR:	12 KW+16KW NORTHERN LIGHTS
METACENTRIC HEIGHT	5' 9"

HULL DESIGN

Semi-Displacement hull, generous flair @ bow sections, double chines, prop pockets, swim platform, underwater exhaust with FRP exhaust barriers

HULL CONSTRUCTION

Hand laminated FRP utilizing only bi-directional & uni-directional material, vacuum bagged Core Cell solid laminate below the water line with high quality iso & vinylester resins
 Full-length hull girders of high density foam cores with bi & uni-directional material
 Exterior hull finish in high gloss "Cook" gel coat, Reichold Hydrex vinylester resin laminate
 Multiple thwartship girders reducing panel size and increase impact strength
 Cored structural bulkheads padded @ hull, bonded as per schedule
 Putty coated bilges for smooth finish
 All bonding of hull to deck, roofs to cabins done with FRP, exterior finished w/gel coat
 30 mil epoxy barrier coating and two coats of bottom paint
 Sealed bow compartment (crash bulkhead) with water tight hatch
 Structural upper and lower FRP rub rails capped with solid stainless steel
 Prop Pockets to reduce propeller draft
 Port and starboard hull doors for convenient access
 Portlights recessed in hull sides for protection
 Hull side portlights thru bolted for added safety
 Full length keel increasing directional stability and propeller protection

SUPERSTRUCTURE & DECK

Hand laminated FRP utilizing bi-directional & uni-directional material w/Core Cell sandwich, high quality ISO resin, vacuum bagging, deck mechanically & FRP bonded to hull
 Suitable high compression cores as required for hardware mounting
 Exterior finished w/high gloss "Cook" gel coat all surfaces, two tone non skid finish at decks
 Main deck soles and engine room bulkheads padded & cored w/appropriate sandwich materials
 High bulwarks protecting recessed walkaround decks
 Leak proof window frames molded into cabin sides
 Gel coated joint at overhead deck liner to main cabin sides
 Molded in multiple facet & plank lines for detailed appearance & strength
 Lead shot for ballast
 CoreCell on the interior floor and bulkheads

EXTERNAL PARTS

Hand laminated FRP construction utilizing Core Cell sandwich vacuum bagging where appropriate of exterior doors, molded in recessed window & door frames & exterior window frames, internal storage cabinet, port & starboard bulwark doors
Stainless steel radar arch,
Molded & gel coated finish of interiors of all FRP hatches & doors
FRP Rear fashion plates
Tinted tempered window glass (10mm fwd, side, aft and all doors)
Flush FRP recessed access boxes for exterior plumbing & electrical fittings
Exterior materials of gel coated FRP, stainless or optional teak, no exposed aluminum

PROPULSION SYSTEM

Twin C-12 700 hp "Caterpillar" diesel engines with vibration damping mounts, 12 volt/130 amp alternator for house battery bank and ZF-350A 2.636:1 gears w/Centra dampening & live PTO
Stainless steel #316 (w/316-L rod) exhaust risers w/zinc plugs connecting to mufflers
3" "Aquamet #22 High Strength" propeller shafts
Bronze I struts with "Cutlass" bearings & damping insulation
Bronze intermediate struts with "Cutlass" bearings
Four blade expanded ratio computer designed propellers
WBM 3" "Aquamet #22 High Strength" rudder shafts, WBM type VI rudder solid blades per design
Dripless propeller shaft glands ("Tides") with dual cooling lines
"Tides" rudder shaft seal and bearings

12"-25HP Bow & Stern Thruster w/ central hydr. system driven from CAT C-18, ZF350A gearbox SAE C LIVE PTO hydr. pumps. Thruster controls are proportional (3) jog lever stations included. TRAC 250/7.5 fin DIGITAL stabilizers system

Hydraulic engine controls @ pilothouse, flybridge and aft deck
"Hynautic" power steering system
Engine room start/stop panels with engine gauges
Visual & audio alarms for engine systems @ pilothouse & flybridge
Prospeed protective paint to shafts, props, rudders, struts, and thrusters.

ENGINE ROOM AND BILGES

Silver aluminum perforated covering on overhead, side, fwd, aft engine room bulkheads covering multiple layers of the latest technology sound dampening & insulation
Stainless steel engine beds w/small tapping plates under
Three marine grade FRP fuel tanks (Extra fuel tank at laz, total 4)
FRP fuel tanks insulated to minimize condensation and noise transfer
Fuel manifold system for supply & return management with 2" crossover for fwd fuel(3) fill
Sight gauges (marine grade w/protective guard) at fwd bulkhead
Marine grade bronze sea cocks for through hulls
"Groco" sea strainers at all raw water intakes
Full flow stainless ball valves for all piping systems
Dual Racor marine filter system with vacuum gauge for main engines
Single Racor marine filter system for generators
Tank level indicator systems for fuel, water and waste tanks
Five Rule 2000/12V bilge pumps, three RM-750/12v w/"Rule" super switches & bilge level alarms
Two Rule 2000/12V sump pump
High output "Whale" WF-123 manual bilge pump
"Delta-T" engine air intake system minimizing water ingestion, recessed & color matched to exterior
Two "Delta-T" 11" 24V/DC engine room blowers
Engine room 12V/DC lights X 4pcs and 110V/AC light X 4 pcs
"Fire Boy" MA 1050 w/engine shut down system
12V Tuna light with switch @ pump room & thruster/chain area
Fresh water wash down in engine room
Lonplate vinyl center floorboard on engine room and laz.
1" thru hull with scoop for future water maker
Two power steering pumps
A #Reverso GP-612 fuel transfer pump

GENERATOR ROOM

Generator room 12V/DC lights X 2pcs and 110V/AC light X 2 pcs
"Northern Lights" 12 KW diesel generator & 16 KW diesel generator, 12V start w/whisper sound shield with gas/water exhaust separators and E.A.R. anti vibration mounts
"Delta-T" generator air intake system minimizing water ingestion, recessed & color matched to exterior
Two "Delta-T" 11" 12 volt V/DC generator room blowers
"Fire Boy" MA-550FE-241 in the generator Room

EQUIPMENT

Two "Maxwell" 24V 3,500 lb anchor windlass w/two station control, separate chain & rope lockers
"Bennett" 24"x12" trim tabs with controls @ pilothouse and flybridge
1,500 lb davit base
"Marine Air" 84,000 BTU expansion air conditioning system at forward stateroom, guest room, master room, salon, galley, pilothouse
"Reverso" 12V oil change system with 30 gallons oil tanks
"AFI" dual trumpet air horn w/12v compressor
"Am bosch" wiper motor & wiper arm w/washer system
Two "Headhunter" neoclassic station-bone heads
12v "Headhunter" holding tank discharge pump
Deck discharge for holding tank
"Rule" system high water bilge alarm w/warning lights at pilothouse
Gate valve at each watertight structural bulkhead
Headhunter 110v mach 5 as primary fresh water pump w/filter & accumulator tank
Headhunter 12V X-caliber as standby water pump
"Allcraft" 20 gallon 110v s/s hot water heater
Two shower sump tanks designed for convenient access
Port & stbd (or fore & aft) dockside water pressure connection
Central drain system minimizing thru hull fittings
1,000LB Marquipt Davit

ELECTRICAL SYSTEM

"Northern Lights" 12 KW diesel generator & 16 KW diesel generator, 12V start w/whisper sound shield exhaust separators and E.A.R. anti vibration mounts
Four "Prevailer" 8D gel cell main engine start batteries (24V) w/box
Two "Prevailer" 4D AGM generator start batteries (12V) w/box
Twelve 180 amp hour 6 volt gel batteries for ship's 12V system w/box
Battery cross over capability for main engine and generator batteries
"Xantrex" 3000w inverter/120 amp charger with high temp. shut down
"Newmar" PT-12V-40CE, 12V ship service back up charger with high temp. shut down
"Newmar" PT-24-20CE, 24V engine battery charger with high temp. shut down
Additional a 130amp 12V alternator for house banks
Digital DC charge rate, DC ammeters and DC voltmeters
12V distribution/circuit breaker panels w/amp & volt meters
120V & 240V distribution/circuit breaker panels w/amp & voltmeters
"Marinco" Shore power 125/250V-50A, phone and TV cable inlets port & stbd side (or fore & aft)
"Glendenning" CM-7 cable master, 12V w/75' / 50 amp cable
Halogen overhead "Cantalupi" lighting w/dimmer controls throughout
Wall sconces in salon / reading lights in guest staterooms
GFI breaker protection as appropriate @ deck, galley, heads, engine room & lazarette
Breaker protection at each AC source
Electrolysis bonding & grounding system w/two 5 3/4" x 11 3/4" zinc plates and shaft scratchers
High temperature wiring, UL approved
Local phone/intercom system, 7 station
"Wyngard" TV antenna booster & selector switch
Breaker for Search light
Pre-wiring for TV in master stateroom, guest room 1, guest room 2 and salon
Pre-wiring for speaker systems @ pilothouse, flybridge, aft deck & master, guest 1 and guest 2
Spreader lights at radar arch
Prewire for watermaker system.

MAIN DECK

Walkaround decks with high bulwarks miships
Two tone non skid @ all decks, white non skid @ pilothouse roof & hardtop
Exterior stainless 316 grade (including screws & bolts/nuts), welds ground & polished
1 ¼" s/s hand rails and bow
4 Port and starboard bulwark doors
"Manship" overhead hatches
"Manship" polished s/s portlights
316 s/s hawse holes w/cleats, 316 s/s bow chocks, 316 s/s deck cleats
Waterproof "Imtra" Tuna deck lights and "Cantalupi" LED safety lights
Re-inforced exterior doors, exterior covered w/FRP & gel coated, interiors covered w/matching interior wood, stainless steel door frames on PH
Bow & stern staffs, s/s sockets
Two deck cleats
Port & starboard storage lockers at foredeck
Rope locker at fore peak
Anchor chain storage in forward w/water tight bulkhead & anchor door
Anchor platform for 2 anchors (place anchor behind another) w/ pvc pipe for chain
Fresh and salt water wash downs at bow

AFT DECK / LANAI DECK & COCKPIT

Starboard lanai deck engine & thruster controls and rudder indicator
Port lanai deck U-Line BI-2115 ice maker and molded FRP seat, center hatch with ladder to machinery & engine room
Freezer space @ starboard cockpit deck
Space at port cabinet for bar-b-que grill & sink with cover on top, tackle cabinet & locker under @ port cockpit deck
Two lanai deck flood lights
Hand held shower @ cockpit deck
Fresh water wash down @ cockpit deck
Swim platform
Four hawse pipes w/o cleats s/s @ cockpit deck
Non-skid @ cockpit cap rail
Non-skid @ lanai deck, cockpit & side deck

FLYBRIDGE AND BOAT DECK

Manship door/hatch access to/from pilothouse
1,500 lb davit base
Helm station w/complete engine instrumentation, function alarms & rudder indicator
Lexan venturi windshield w/stainless steel frame
FRP "L" seat, storage under with teak ventilation slats
Two granite top with searail tables and S/S hand crank hi/lo table supports
Starboard cabinets refrigerator & teak ventilation grates
Stainless steel radar arch with down lights
1 ¼" s/s handrails @ boat deck
Fresh water wash down outlet
Concealed air horn
Non-skid @ boat deck
2 Pompanette AS-19 chairs

PILOT HOUSE

Helm station w/complete engine instrumentation, function alarms & rudder indicator
"Headhunter" tank monitoring system "Tank Sentry" for holding tank.
Hart systems tank tender for fuel and water levels
DC distribution/breaker panels
Chart table/locker
Extra chart drawer under galley cabinet, opening into ph side
Halogen "Cantalupi" roger white / mary gold lighting w/dimmer controls
Carling rock switches with indicator lights for bilge pump, light, etc. functions
Three "Am bosch" wiper motor & wiper arm w/washer system
Port and stbd Aritex doors with stainless frames
Two ventilation overhead hatches
Built in dinette & teak hi-lo table w/hand crank

UV varnished veneer @ forward helm console counter top
Teak/holly sole
Padded soft vinyl removable headliner
"Sub Zero" under counter refrigerator
Teak compass base
Interior stairway to flybridge w/stainless steel Mainship hatch
2 Pompanette AS-19 chairs

SALON

Stairway to owner's stateroom
Single sliding aft door w/fixed glass windows
Large windows for "sit down" visibility
Built in "L" or "U" seat as per plan
Built in pop up Plasma TV cabinet
Choice of soffet with lighting or crown molding surrounding salon
Halogen "Cantalupi" roger white / mary gold lighting w/dimmer controls & pre wire for four wall sconces
Padded soft vinyl removable headliner
Hand crank hi lo table w / leaves
A/C distribution/breaker panels
Aft startboard storage cabinet
Sugatsune push/release latches @ cabinets & drawers

GALLEY

Granite counter tops w/overhead hanging storage cabinets
Halogen overhead lighting w/dimmer control, under cabinet lighting
Drawers and cabinets fitted w/push pull latches & lined with Formica
S/S "Franke" sink with "KWC" a faucet
"Insinkerator" 777ss garbage disposal with top switch
"Brown" 1055 trash compactor
"Miele" KM-421 black four burner 220v cook top w/pot holders
"GE" oven JRP20BJ black below cook top
"GE" Microwave JVM1490 BH over cook top
"GE" #PS123MGMBB side by side refer w/teak face
Teak/holly sole
Padded soft vinyl removable headliner
One 12V galley exhaust blower

OWNERS STATEROOM

King size walk around bed with drawers or lockers under
Cedar lined hanging lockers w/automatic lighting
Built in vanity desk
Built in LCD TV cabinet
Insulated/cored aft & forward bulkheads
Halogen overhead lighting "Cantalupi" roger white / mary gold with dimmer controls
Four 12"x28" "Manship" polished s/s opening portlights
Padded soft vinyl removable headliner
Louvered wardrobe door
Safety escape hatch on overhead

OWNERS HEAD

Granite or marble counter top w/ceramic sink,
"KWC" faucet
"Headhunter" neoclassic station-bone head
Shower w/glass door with teak frame and s/s fixed, teak grate
Halogen overhead "Cantalupi" roger white lighting with dimmer control
Attwood ventilation system
Teak & holly sole
One 8"x18" "Manship" polished s/s opening portlight
Tilt out clothes hamper

FORWARD VIP STATEROOM

Queen size island bed with cabinet & drawers below
Upper cabinets
Cedar lined hanging lockers
LCD TV cabinet
Halogen overhead "Cantalupi" roger white / mary gold lighting with dimmer control
Safety escape/ventilating hatch to forward deck
Two "Manship" polished s/s fix portlights
Padded soft vinyl removable headliner
Mirror on back of door

FORWARD HEAD

Granite or marble counter top w/ceramic sink,
Granite or marble seat in shower
"KWC" faucets
"Manship" polished s/s opening portlight
" Headhunter "neoclassic station-bone head
Shower W/glass door with teak frame and s/s fixed, teak grate
Halogen overhead "Cantalupi" roger white lighting with dimmer control
Teak/holly sole

PORT GUEST STATEROOM

Two single separate beds with drawers, hanging locker, Asko washer and dryer under
Cedar lined hanging locker
LCD TV cabinet
Halogen overhead "Cantalupi" roger white lighting with dimmer control
One "Manship" polished s/s opening portlights
Padded soft vinyl removable headliner
Step ladder with storage

LAZARETTE

One fuel tank under sole
Two overhead "Imtra" tuna lighting
Lonplate vinly sole

MISCELLANEOUS STANDARDS

Choice of woodwork to include mahogany and teak
Counter tops to be choice of wood or burl finish where indicated