

# 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 C-12 700 HP CATERPILLARS
STANDARD GENERATOR:	12 KW+16KW NORTHERN LIGHTS
TRANSOM DEADRISE	11.8
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  
1,000LB Marquipt Davit

### 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 "Aqua Quiet" 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. Wesmar roll fin hydraulic stabilizers w/hydraulic raw water cooling pump and (3) jog lever stations.

Hydraulic engine controls @ pilothouse, flybridge and aft deck  
"Hynautic" power steering system  
Engine room start/stop panels with engine gages  
Visual & audio alarms for engine systems @ pilothouse & flybridge  
Propspeed 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 gages (marine grade w/protective guard) at fwd blkhd  
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" 24 volt V/DC generator room blowers  
"Fire Boy" MA-550FE-241 in the generator Room

### **EQUIPMENT**

One "Maxwell" 24V 3,500 lb anchor windlass w/two station control, separate chain & rope lockers  
Fortress FX-85 for PORT and a Delta 110lb Galvanized Manganese Steel for STBD  
"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 220 volt 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

### **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 / gel cell 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)

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 1/4" 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  
Stbd lanai deck Raritan "Icer-Ette" 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 1/4" s/s handrails @ boat deck  
Fresh water wash down outlet  
Concealed air horn  
Non-skid @ boat deck  
1 Pompanette AS 19 chair

#### **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  
AC and 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  
1 Pompanette platinum chair

#### **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  
  
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  
"Hanza" soap dispenser  
"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 J/M1490 BH over cook top  
"GE" #PS123MGMBB side by side refer w/teak face  
Teak/holly sole  
Padded soft vinyl removable headliner

#### **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  
Folded ladder

#### **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