

NEW O'BRIEN 38 BUILD NO: 38-023 DEMO SPECIFICATIONS LAUNCHED 10-08-2016

BUILT TO NSCV SURVEY 2C.

Specifications.

- MEASURED LENGTH: 11.50 Metres (37.7 Feet)
- WATER LINE LENGTH: 9.84 Metres (32.3 Feet)
- MAXIMUM BEAM: 3.87 Metres (12.72 Feet)
- COCKPIT BEAM: 3.4 Metres (11.0 Feet)
- DRAFT: 0.9 Metres
- DEAD RISE: 20 DEG
- ENGINE: CUMMINS- QSC 8.3 RATED 500HP @ 2600 RPM
- TRANSMISSION: MGX-5065A-2.04-3S QUICKSHIFT MARINE TRANSMISSIONS,
- PROPELLERS: VEEM ONE PAIR - 24 X 35.7 (FIVE BLADE)
- MAXIMUM SPEED: 35 Knots
- CRUISING SPEED: 27 Knots
- MAXIMUM DIESEL: Fuel 2200 Litres
- MAXIMUM FRESH WATER: 700 Litres
- WEIGHT: 12.5 TON TESTED

Survey and Registration.

- The construction of the Boat and components meets the requirements and regulations contained in the NSCV Code as required by AMSA, for a vessel of its Class specified. On completion of sea trials the Builder will accompany the owner or owner's representative to Queensland Transports Marine Office Townsville with all compliance certificate necessary to complete the appropriate applications for Survey of the vessel, the Buyer is responsible for all M.S.Q. Survey fees and any other Surveyors inspection fees.

Boat Construction.

- The construction of vessel and components are undertaken in compliance with the NSCV/AMSA requirements for a vessel for A.M.S.A. Class 2C: 8 people.
- The GRP construction is hand laid fabric with resin applied with the latest in saturation equipment, the hull is of solid lay-up in bottom shell, keel, chine's and sheer and cored sides and bulkheads using low shrink resins and biaxial roving, all web frames and longitudinal girders are solid hand laid-up moulded sections, deckhouse and saloon are of a cored construction.
- The vessel is a moulded lay-up using isophthalic gelcoat exterior, vinyl ester resin to the first two layers and the latest in biaxial and fibreglass fabrics.
- The Vessel is a planning, flared bow, single chine design framed with transverse and longitudinal frames.
- All the paints and coatings used throughout the vessel are of a character suitable for marine service and compatible with G.R.P. Coatings are applied in accordance with the

manufacturer's instructions, and are preceded by appropriate cleaning and possible chemical conversion of surfaces as may be required in accordance with the manufacturer's recommendations. Coatings will be free from voids, scratches or other imperfections.

Deck Construction.

- The Deck construction is hand laid fabric with resin applied with the latest in saturation equipment, the deck is a cored lay-up using low shrink resins and biaxial Roving, all deckhouse, saloon, and Fly-bridge are of a cored construction.
- All other Boat construction, machinery installation, equipment installation, and fit out have a credited surveyors Compliance to Maritime Safety Queensland and A.M.S.A.

Boat fit out specifications.

- The Boat will be built as specified in the plans and specifications in Schedules 3 and 4 of the Agreement.

Deck Area.

- Deck surface, moulded-in, non-skid Melded fibreglass using premium polyester
- Resin, bi-axial stitched fabric reinforcement and core construction, Moulded-in non-skid surface.
- Premium quality moulded-in white gelcoat exterior finish.
- Custom stainless steel anchor roller assembly.
- Bow cleats, 2 x 300mm stainless steel.
- Spring line cleats, 4 x 300mm stainless steel.
- Stern cleats, 2 x 300mm stainless steel.
- Stern hawse pipes, stainless steel.
- Custom bow and side rails 316 Stainless.
- Windless, DC heavy duty, for rope & chain.

Fwd. Sleeping Area.

- Access hatch to above deck centre.
- Interior white Two Pack marine paint w/ teak joined and finished in satin oil.
- Interior teak joined and finished in satin oil.
- Recessed LED lighting.
- Positive latches used on cabinet doors and drawers.
- Marine outdoor carpet.
- Selection of fine quality interior fabrics and covering throughout.
- Selected berth configuration with storage below.
- Positive latches used on cabinet doors and drawers.
- Recessed LED lighting.

Toilet Area.

- Head Shower Compartment.

- Interior white Two Pack marine paint w/ teak joined and finished in satin oil.
- Head, Tec-mar electric fresh/water flush.
- Holding Tank monitoring system.
- Recessed LED lighting.
- Positive latches used on cabinet door.
- Shower, handheld with automatic shower sump pump.
- Toiletry storage cabinet with sliding mirror doors.
- Towel rack.
- Vanity sink.

Galley.

- Laminate type counter top.
- Microwave Confection oven.
- Electric griller oven.
- Positive latched used on cabinet doors and drawers.
- Refrigerator/freezer, DC.
- Sink, deep single.
- Storage compartments.
- Storage drawers and silverware drawers.
- Recessed LED lighting.
- Interior white Two Pack marine paint w/ teak joined and finished in satin.

Saloon Area.

- Interior white Two Pack marine paint w/ teak joined and finished in satin oil.
- Marine outdoor deck carpet.
- Storage cupboard and tackle drawers, port and starboard sides
- Recessed LED lighting.
- Custom electric switch and breaker panels.

Fly Bridge Single Helm Station.

- Compass with light, flush-mounted.
- Helm Console, integrally moulded.
- Complete engine instrument panel with audible warning system engine package.
- Bilge high water level alarms.
- Stainless steel helm wheel.
- Custom switch panels.
- Engine alarm system per engine.
- Engine hour meters per engine.
- High water bilge alarm (3).
- Steering Twin-Disc hydraulic system.

Machinery Compartments.

- Engine room Structural fire protection to MSQ Specifications.

- Bilge pumps Submergible DC Fwd., Mid, Aft, automatic/manual.
- Engine room bilge, white gel-coated finish.
- Raw water Sea chest intakes with integral seawater strainers with 316 stainless
- Shut/off valves and Seacocks, M.S.Q approved for marine application 316 stainless
- Approved stainless steel clamps on engine exhaust hoses.
- Approved stainless steel hose clamps on all hose fittings.
- Engine room sound insulation.
- Fibre glass fuel tank fabricated in fire-retardant vinyl ester resins.
- Freshwater cooling on main engines.
- Fuel lines, metal braided, fire-retardant.
- Fuel filters primary Racor with water separators to main engines.
- High water bilge alarm (3).
- Holding tank, macerator and dockside discharge.
- Exhaust system fabricated in fire-retardant vinyl ester resins.
- Veem Custom Propeller.
- Propeller shafts, high strength stainless steel, double taper couplers.
- Rudders, cast 316 stainless.
- Stuffing boxes Dripless lip seal type.
- Bilge pumping Manifold System (MSQ)
- Trim tabs

Electrical.

- Battery Inverter/Charger 3.5 KVA 240/24V
- Batteries (1) Port and (1) Stbd Low maintenance high cranking Start Bank.
- Batteries (2), N225 Low maintenance heavy duty House Bank.
- Battery on/off Isolating switches.
- Battery paralleling system.
- Bonding system with transom zinc plate.
- Circuit breaker protection throughout.
- Custom AC/DC electrical distribution panel with line voltage, battery voltage,
- Load meter.
- Engine room lighting DC.
- Navigation lights.
- Dual led flood aft deck Light.
- Led flood Fwd. deck Light.
- G, P, O/S throughout vessel protected.

Cockpit

- Area under cockpit storage area gel coated white.
- Refrigerator/Freezer cabinet port and Stbd side with top loading.
- Cleats. Stainless steel (2 x 300mm).
- Engine room access hatch under saloon step.

- Fresh water wash down.
- Hatches drain overboard.
- Hawser pipes, stern (2).
- LED Lights under side decks.
- Construction Moulded cored fibreglass.
- Reinforcement for fighting chair and marlin chair post.
- Scupper (freeing ports) central transom drain.
- Seawater wash down pump from main engine bilge system.
- Shoreline electrical inlet, 15 amp / 240V.
- Cockpit large marlin transom door Stbd. side 1000 mm x 750 mm.
- Live bait tank built-in transom with circulation pump.
- Cockpit sole and hatches in-laid solid teak.
- Cockpit Side and transom coamings white gelcoat gloss

Electronic Package.

- FURUNO 15.6" MULTI FUNCTION DISPLAYS
- V62P-MAP - XL3 WIDE Navionics Vector chart, 3D Data, Sat Pictures - Australia East
- SDAU310-FISH MAP Fishing Chart - Australia East Coast
- FURUNO MCU-002 TZT Single Display USB Compact Joystick Remote Control
- TRANSDUCER 50/2001T 1KW 50/200kHz Rubber Housing
- FURUNO Nav-Pilot 711C Colour Autopilot complete. Accu-Steer 1.6 L/Min Reverse Cycle
- PG-700 NMEA2000 Fluxgate magnetic sensor with solid-state rate gyroscope
- RADAR DRS-4DL - 4kW 24rpm 36NM 19" Radome
- GARMIN VHF WHITE water proof, 25W, DSC, 55ch VHF Transceiver
- ICOM IC-M506EURO BLACK water proof, 25W, DSC, 55ch VHF Transceiver C32uilt in AIS receiver networked to Tz screen
- SALOON TV HDMI cable connected to FROUNO 15.6" MULTI FUNCTION Display.
- CLARION CMD-7 MARINE Sound System Speakers Saloon and Bridge.

Fishing Equipment.

- O'Brien Custom Pro setup.
- O'Brien/Reelax Custom Outriggers and Poles
- Centre Rigger.
- Reelax HD Marlin Chair and post mount.
- Rod Holders HD 6 x Side mounts
- Rod Holders HD 9 x top rail mounts
- Rod Holders HD 2 x coaming 30 Deg
- Rod Holders HD 2 x coaming 90 Deg
- Live bait well centre transom with one recoverable tune tube.
- Salt water pump 1" manifold to bait tank, Deck wash and Fwd chain locker.
- Tackle draws port and Stbd saloon.

Miscellaneous Equipment

- Windless, DC heavy duty rope & chain.
- Mooring Equipment.

NSCV Safety Equipment.

- 30" Lifebuoy
- Lifebuoy light bracket's and batts and rope line
- Approved coastal life jackets fitted with lights x 8
- Flares Red Parachute Rockets X 3
- Flares Red Hand X 3
- Flares Orange Smoke x 2
- Flares Container Large
- Rescue Signal Card
- Dolphin Torch W/- H/D Batteries x 2
- Barometer 4.5"
- Compass Binnacle 135MM
- Code Flags N & C, GS, N&C
- Black Ball and Cone Shapes X 3 Each
- Gas Horn
- Epirb Salcom MRB -4
- First aid Kit Scale E