



## Attachment B – Specifications

RFx No.: 3000022010

Title: Net Boat & Trailer - LDWF

Brand: J&B Manufacturing/Patriot Boats or Equal  
Model: 24963CCV or Equal

### **HULL SPECIFICATIONS:**

Length: 24' + Gill Bracket = 25' 6" LOA

Bottom: 8' (3/16")

Sides: 31" (3/16")

Beam: 9' approximately

Dead Rise: 19° at transom

Rake to extend 9' 10" from bow

Reverse chine stabilizers port & starboard 5.5° (See Photo #1, Attachment A)

Stabilizer to be 12' 3" long from stern

Hull consists of all **5086** marine grade alloy aluminum (bottom – sides – transom)

Hull to be completely solid welded inside and outside of boat

Self-bailing hull with transom mounted scuppers

Aluminum weld on double hole bow eye located underneath front bow

**Top Head Log:** (trapezoid shape) 1/8" tread plate – 45° downward slant connecting to front decking 3" x 1" x 3/16" crimped channel brace underneath – head log to be completely solid welded. See photo #2, Attachment C.

**Gunwales:** 6" wide X 2 1/2" deep x 1/8" thick tread plate rails on the entire inside perimeter of the hull with 2" sch/40 half pipe towards the outside of hull (aluminum rub railing) – Solid welded half pipe top connecting sides to half pipe to gunwale plating – bottom of half pipe to have a tack pattern 8" gap and 3" of weld, consist thru out the hull sides port and starboard. See Photo #3, Attachment C.

**Cleats:** Four (4) – 8" aluminum weld on cleats to be welded solid and cleaned smooth / burr free (port & starboard – bow & stern locations – cleats to be welded below top gunwale with 8" top access hole through gunwales to pass rope through. Cleats to be welded on with double plates. Exact locations to be determined by Agency during manufacturing process. See Photo #4, Attachment C

**Front Decking and Dry Storage Hatch:** Enclosed 48" long total length including head log – 1/8" tread plate decking with 3" x 1" x 1/8" crimped channel braces used for structural support underneath deck. Front deck to have 1/8" bulkhead extended from keel to underneath gunwales – bulkhead to be completely solid welded and tested. Top 28" x 18" top flush access hatch – 1 – full length solid weld recessed aluminum hinge – Hatch to sit into 2" x 2" channel with top mounted edge gasket and hatch mounted gasket. One (1) – Corner step located on port side topped with 1/8" thick tread plate and boxed to floor.

**Raised Flooring:** 1/8" tread plate air tight double bottom filled with Isotec IsoPour 20C45 closed-cell foam. Floor to be solid welded to sides, slot welded to ribs with a tack pattern 8" gap and 3" of weld, consist thru out the hull. 1" x 1" x 1/8" angles welded under subfloor between each rib section to prevent floor from buckling & popping.

**Flooring Quality Control:** Project manager to inspect and verify pressure testing for quality control.

**Rib Structure:**

**Longitudinal (length of the hull):**

Six (6) – 3" x 1 1/8" x 3/16" bottom runners welded to hull plating.

One (1) – 2" sch/40 half pipe solid welded to center port and starboard side plating

Six (6) – 2" X 3/8" flat bar stringers running the length of the boat between each set of runners welded with tack pattern of 8" gap and 3" of weld on each side of flat bar stringer thru out the length of the hull

One (1) – 3" x 3/16" center line keel plate welded to bottom plating with tack pattern 8" gap and 3" of weld thru out the length of the hull. See Photo #5, Attachment C

**Transverse (width of the hull):**

1/8" bow bulkhead – sealed welded and pressure tested.

3" x 2" x 3/16" angles attached to the stringers & fitted to the keel plating on each stringer on 16" centers – angles to be welded to the square tubing.

2" x 2" x 1/8" square tubing connected to sides and angles supporting double bottom on 16" centers.

Three (3) - 3/16" gusset plates attaching tubing, angles, and keel plate together on every transverse frame.

1" x 1" x 1/8" angle tacked underneath flooring between each rib section.

**Rib Structure Quality Control:** Project manager to witness and inspect rib structure before flooring is installed and closed up to ensure the rib structure building process is accurate to the written specifications. Awarded vendor are to send pictures of current rib structure to be installed into hull that meets the above specifications. No drawings and or renderings will be accepted.

**Fuel Tank:** Permanent, 1/4" plate solid welded to raised flooring for tank to sit atop, 80 gallon fuel tank partially recessed into console (78" of open floor space between dry storage and fuel tank) – tank to be solid welded to console and 1/4" plate – tank to serve as a seat – 3/16" thick aluminum with 3/16" thick center wall baffle – Four (4) – 2" x 3/8" flat bar vertical side wall braces – 1 1/2" aluminum fill neck recessed 3" downward into fuel tank and 2" above tank – fill neck to be angled to port side of console for side wall fill station – Two (2) – 3/8" NPT aluminum collars installed one (1) withdrawal and one (1) vent – tank to be tested with 2lbs of pressure.

**T-Top & Console:** Three (3) sided aluminum plated T-Top & Center console – 44" wide 3/16" base and console with 82" tall 1/8" side walls – 2" x 3/16" flat bar lace edge on stern side walls – 1/8" roof top plating 68" wide x 82" long – Roof to have two (2) – 3" x 1 1/8" corrugations pressed into plate bow to stern - two (2) – 1 1/4" x 1/4" x 1/8" square tubing braces port to starboard – Four (4) – 6" radius corners – 4" x 3/16" flat bar lace edge around top welded solid – Three (3) water drainage slots cut into lace edging on stern section of roof top – overhead storage compartment with lock – Three (3) fixed windows (Two (2) side & One (1) front) – 40" tall console height with 1 1/2" offset crimped into face plate 4 3/4" from top edge – 9" face plate below  
1" x 3/16" flat bar top retaining bar on top edge of console with water drains. Steering wheel to be placed starboard of center of console. Enclosed battery storage locker under console with aluminum mounting bracket for battery selector switch. Group 31 marine batteries to be secured by 1" angle on all sides. Open storage to be located under console atop battery storage locker – Two (2) Aluminum single hole rope eyes welded to center stern side wall of T-Top. See Photos # 6 – 9, Attachment C.

**Vinyl Canvas Top:** Fixed, sch/40 1 ½" pipe frame attached to aft T-Top extending to transom and equal to width of outer gunwale. To be supported only by T-Top at forward mounting location and by two (2) support pipes mounted to top of transom net guard at aft mounting location. Covered with light gray marine grade vinyl canvas material.

**Floor Track:** 4 ½" x 2 ½" x 3/16" U shaped aluminum channel installed into flooring flush with top decking extending from console to rear for running engine cables and electrical wiring. 1/8" tread plate top cover plate welded solid. See Photo #10, Attachment C.

**Leaning Post:** Custom built aluminum leaning post with dry storage underneath 1/8" thick with top door access – Four (4) – 1 ¼" aluminum pipe legs spaced a minimum 40" wide, designed for a 120qt ice chest to slide underneath – rubber pull down latch installed on top door – hatch mounted gasket – full length aluminum hinge. See Photos 11-12, Attachment C.

**Gill Bracket:** Center mounted gill bracket with top 1/8" tread plate top surface designed for single 25" shaft, 250 horsepower, four-stroke outboard engine (e.g.- Yamaha F250XB) – 5086 marine grade alloy aluminum outboard engine mounting bracket (1/2 inch plate) to be fabricated to fit Agency supplied jack plate and welded solid on all sides to gill bracket – Agency-supplied ATLAS Heavy Duty Jack Plate (Manufacturer part # AHJ-4VHD-DP) to be bolted to outboard engine mounting bracket, engine to be secured to mounting bracket with bolts (Per jack plate manufacturer installation instructions) and with enough clearance between cowling and transom when engine is completely raised. See Photos 13-14, Attachment C.

**Transom / Net Guard Specifications:** ¼" Transom thickness with 1 ½" aluminum edge protecting pipe to allow snag free net entrance & exit from vessel stern – Two (2) net deflector plates port and starboard sides of engine – Two (2) – 4" channels extending port to starboard – Two (2) – 1" sch/80 pipe drains (One (1) Transom – One (1) Double Bottom) – Two (2) – 1 ½" x 3/8" flat bar gussets connecting double bottom to lower 4" channel. Transom designed to support a single 25" shaft, 250 horsepower, four-stroke outboard engine (e.g.- Yamaha F250XB) – transom to have the following aluminum weld on mounting brackets: One (1) anode bracket and two (2) aluminum single hole bow rope eyes welded on transom exterior (Port and Starboard). See Photos 15-16, Attachment C.

#### **ACCESSORIES:**

- A.** Three (3) Piece ¼" Safety Glass - Installed into aluminum framed windshield
- B.** Navigational Lights – LED running lights and white all-round light - (Seadog – Attwood or Equal)
- C.** Hydraulic Steering System - Able to handle up to 300 horsepower single outboard - (Teleflex Sea star HK6400-A-3 Front Mount Cylinder or Equal)
- D.** Stainless Steel Steering Wheel With Knob – (Seadog or Equal)
- E.** 1500gph Bilge Pump – (Rule or Equal)
- F.** Fuel System - Fittings, valves, hoses and fuel water separator – (Sierra or Equal)
- G.** Fuel Sender - Installed into tank with dash mounted fuel gauge – (Wema or Equal)
- H.** Electric Horn – (Fiamm or Equal)
- I.** 8 Gang Electric Control Panel With Reset Breakers – (Blue sea system or Equal)
- J.** 12 Volt Power Socket – (Blue Sea or Equal)
- K.** Heavy Duty Windshield Wiper – (AM equipment or Equal)

- L. Two (2) – LED Flood Lights – (Plash lights or Equal)
- M. Two (2) – Cup Holders - Exact location to be determined during manufacturing process
- N. ATLAS Heavy Duty Hydraulic Jack Plate - Manufacturer part # AHJ-4VHD-DP (supplied by Agency)
- O. Garmin ECHOMAP UHD 94sv or Equal (Exact location to be determined by Agency)
- P. One (1) – Ritchie SS-1002 Compass (or Equal)
- Q. Two (2) – Battery cases and straps – (Seadog or Equal)
- R. Two (2) – Marine cranking batteries – (Group 31)
- S. Battery Selector Switch on/off/1/2/all – (Blue Sea or Equal)
- T. Vinyl Cushion - for leaning post – (Gray)
- U. Two (2) – Vinyl Cushions for fuel tank seat and back rest – (Gray)
- V. One (1) – Sacrificial Anode located on exterior of transom (1.5lbs)
- W. One (1) – VHF Radio and Antenna - (Standard Horizon GX1400 or Equal)
- X. Gaskets - For dry boxes and all raw edges to have trim gasket
- Y. All wiring to be marine grade and all wires to be incased in plastic split loom, and properly secured, to prevent electrical problems
- Z. Stainless steel fasteners for all hardware attachments
- AA. Primed and painted exterior and interior surfaces, nonskid on front deck and gunwales: One (1) color, Agency color choice

**MOTOR INSTALLATION:**

Agency to supply and furnish outboard engine (Yamaha F250XB in crate only).

Awarded vendor to supply, mount, and install all OEM outboard riggings for Yamaha F250XB, including, but not limited to:

Binnacle controls with key switch, wiring harness(es), deluxe control cables, multi-function gauge with tachometer, stainless steel propeller.

Installed and test run in local waterway with ten (10) gallons of ethanol free gasoline; to check, test and verify operation & propeller sizing for proposed vessel

Agency to ship outboard engine and components to awarded vendor.

**TRAILER:**

Heavy duty aluminum frame tandem axle boat trailer (McClain Model # ATT2610 or Equal)

8200 lbs. capacity with 15" galvanized rims – four (4) drive on boards with plastic covers, fitted for above vessel

10,000lbs GVWR – Net capacity of 8600lbs

Extra cross member support for fender support

Heavy duty square tubing guides with capped PVC pipe

LED lighting

Hydraulic disc brakes on both axles

Radial tires (ST225/75R15)

2000lb 2-speed winch with heavy-duty strap

Full-sized spare tire on galvanized rim and galvanized carrier – adjusted and setup for proposed boat

All Stainless steel hardware

Trailer jack to be included

Vessel to be properly fitted onto trailer by awarded vendor

Attachment A – Special Terms and Conditions

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**DELIVERY:**

If awarded vendor is located beyond a 200 mile radius from the LDWF Bourg office located at 468 Texas Gulf Road, Bourg, LA, the awarded vendor shall be responsible for delivery of vessel on trailer to the LDWF Bourg Office. The awarded vendor may contact Cindy Guidry, [cguidry@wlf.la.gov](mailto:cguidry@wlf.la.gov), 985-594-4139 to schedule delivery.

Attachment A – Special Terms and Conditions

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