



## Exhibit One

# Nichols Diversified Industries 32' x 11'-6" Recreational Catamaran Specifications, Standard & Optional Equipment

### HULL STRUCTURAL:

- 32' LOA x 11'-6 Recreational aluminum catamaran landing craft. 5086 marine grade aluminum plating and 6061-T6 marine grade extrusions 1/4" bottom plate, 3/16" side plate, 3/16" flanged transverse and longitudinal structural framing on 30" centers, with 2 watertight bulkheads per hull.
- Additional 1/4" beaching wear plates on forward sections of hulls, extending 6' aft
- Electric winch operated bow landing ramp, safety latches for security while underway and locking at horizontal/halfway point
- Bow stem mounted push/dock landing knees with vessel tow eyes incorporated
- Pipe frame swim platform with integrated kicker engine bracket and non-skid paint finish
- All seams and joints fully welded with 100% penetration for maximum strength and durability. All components are CNC router cut from CAD drawings to ensure accuracy
- Built to USCG and ABYC standards (not classed)

### HULL FINISH:

- Forward anchor locker with drain and hawse pipe.
- Fore deck mounted anchor roller.
- Forward port covered luggage storage area with open back.
- (2) transom mounted 6" x 6" anode plates.
- (8) 10" cast aluminum cleats with full perimeter weld.
- (2) 24" x 15" watertight deck hatches
- Transom mounted tow bitt
- Self bailing deck with freeing ports
- 1-1/4" sch 40 handrails around aft cockpit
- (2) Downrigger mounts in aft cockpit with 12VDC receptacles
- Forward and aft cockpit anchor storage brackets
- Provision for boat hook storage
- Rocket launcher style, roof mounted, pole storage for (6) fishing poles
- (2) Engine room access hatches, approx. 36" x 60", with gas shock lift assist opening to 90 degrees
- Ladder for access to cabin rooftop, re-locatable to swim platform

### PROPULSION:

- (2) Volvo-Penta D6-370 diesel engines with Duo-prop DPH stern drives with counter rotating nibral prop sets. Inline 6 cylinder, 4 cycle, overhead valve diesel engines with electronic fuel injection for performance and low emissions. EPA Tier II compliant.
- Volvo-Penta EVC system with electronic controls, gauges, and engine management

- Volvo-Penta hydraulic steering with power assist and destroyer spoke wheel.

#### **ELECTRICAL:**

- System design and installation to ABYC and USCG standards
- Blue Sea Systems combination 12 VDC/110VAC distribution panel with reverse polarity indicator, analog voltmeter & ammeter. Main DC breaker and circuit protection for all circuits.
- 110VAC 30 amp shore power, 50' Marincor cord, house inlet, (2) interior receptacles, Charles Industries 40 amp 12VDC 3 bank "smart" battery charger and galvanic isolator.
- (2) 4D marine cranking batteries in plastic boxes with battery selector panel for engine starting.
- (1) House Battery
- Auto-charge relay for automatic charging of all batteries from engine while running.
- Contura waterproof rocker switches at dash for frequent use or quick access items like bilge pumps, wipers, horn, etc.
- (3) 2 speed self parking windshield wiper motors with pantograph arms and blades.
- USCG approved 2NM LED navigation lights.
- USCG approved 2NM all around white anchor light.
- Dual trumpet horn on cabin top.
- (6) Dual color overhead cabin lights (red/white).
- (2) 12 volt DC power point – (1) at helm console and (1) aft steering console.
- Ritchie B81 flush mount compass at helm with red illumination for night use.
- (4) 55w halogen deck floodlights, 2 forward facing, 2 aft facing
- MP3 Amplifier with 2 interior and 2 exterior speakers
- Jabsco 6" 200,000cp remote controlled searchlight (chrome plated)
- Docking lights, 50 watt halogen lamps in SST housing, recessed mount

#### **MECHANICAL:**

- (6) Rule #9 2000gph bilge pumps with automatic float switches and manual dash controls.
- 12VDC winch for landing ramp control with console mounted control switch
- Aft cockpit helm with main engine controls and steering, start/stop panel without gauges.
- 40,000BTU Cabin heater, plumbed to engine, with defrost ducts to windshield panels and ducts for cabin heating, with 3 speed fan
- (2) 125 gal. fuel tanks with 1-1/2" fill and 5/8" vent, with fuel level sending unit
- EZ Pull 12VDC Pot Hauler, 300# capacity
- Racor fuel/water separating filters, individual units per engine.
- Xintex-Fireboy automatic fire extinguishing system in engine spaces with monitor panel

#### **PILOTHOUSE STRUCTURAL:**

- 7'-3" wide x 10'-8" long Pilot house built with 5052 marine grade aluminum, stiffened with 6061 flat bar and angle extrusions.
- Forward raked 3 panel windshields.
- (3) windows per side with fwd port window slide opening
- Starboard sliding entry door with drop window and deadbolt lock.
- Aft bulkhead sliding entry door with drop window for ventilation and keyed lock.
- All doors and windows manufactured by Diamond SeaGlaze
- Exterior overhead handrail port and starboard on visor edge.
- Grabrails throughout cabin near seating
- Electronics shelf above helm console with DC fuse panel for electronics installation
- Radar arch, 1-1/2" sch 40 pipe with mounting pads for radar and antennas. Raised to accommodate inflatable dinghy

#### **PILOTHOUSE FINISH:**

- Interior Zolatone paint finish for house interior.
- Commercial grade rubber non-slip flooring.

- Bentley's Marine Rivermaster helm chair with folding arms, pedestal mount with swivel/slider bracket and foot rest.
- Port and starboard bench seating with storage under cushions
- Port and starboard jump seats next to helm for reverse seating or forward facing kneeling
- Ballistic nylon upholstery upgrade for all seating cushions

#### **EXTERIOR FINISH DETAIL**

- Non-skid traction finish on all walkway areas.
- Mill finish aluminum exterior.
- Anti-fouling bottom paint (2 coats) with high-build epoxy sealer/primer (2 coats).

Nichols Diversified Industries is a custom aluminum boat builder located on Whidbey Island. The NDI team of professional craftsmen has established themselves as one of the northwest's finest custom boat builders. Products include, but are not limited to, recreational and commercial vessels in both mono-hull and catamaran designs, ranging from 20'-65'. NDI has in-house design and engineering capacities to allow for total project development and construction.

There are many options that can be added or subtracted from the above vessel as specified. Please do not hesitate in contacting us to develop specifications and pricing for options specific to your vessel requirements.