

# UNICAT FR-55

## **“Fast Response Maritime Fighter” Military/Patrol/Law Enforcement Multi Mission “High Speed” Vessel**

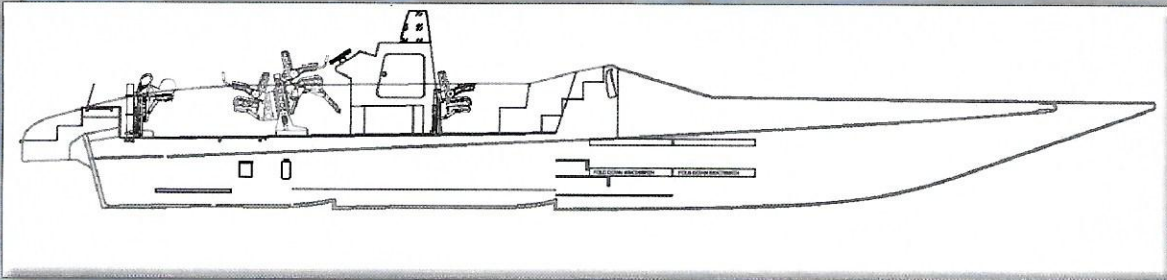
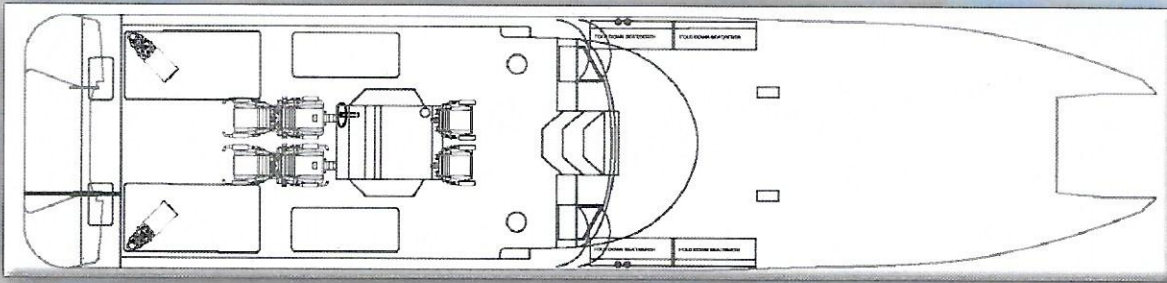
The UNICAT FR-55 is a U.S. Coast Guard approved stepped, high-speed catamaran hull. The original design was created by our international staff of engineers and naval architects for use in both the U.S. and international commercial vessel operations. The FR-55 can be configured to meet your specific mission, while providing superior sea-keeping, fuel-efficiency, speed and stability in a wide range of operating conditions.

Power packages available include twin turbo diesels by either Yanmar, Iveco, Caterpillar or Cummins, coupled to a pair of surface drives, offering heavy use low maintenance and mission friendly reliability. Vessel capabilities include: force protection, harbor, offshore and oil platform security. Additional operational missions include law enforcement, anti-piracy and interdiction.

The FR-55 is constructed with 100% composite, offering low maintenance and multi year reliability. Crew compliment can vary from four personal to more than twelve.



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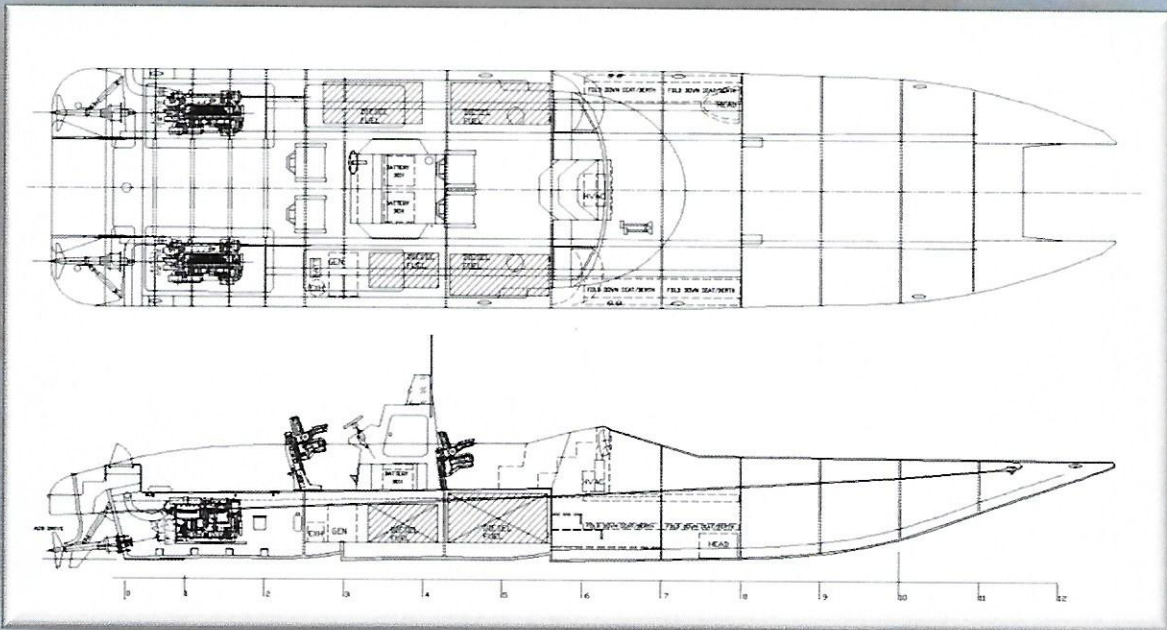


## Specifications:

Length Overall	55'-0"	16.76m
Length at waterline	43'-1"	13.13m
Bredth Moulded	12'-0"	3.66m
Sponson Bredth	3'-2"	.97m
Depth Moulded	6'-2"	1.88m
Draft, Max	3'-3"	1.00m
Displacement, light	16,000 lbs	7257.48 kg
Fuel Capacity	508 gals	1923 L
Water Capacity	20 gals	75.71 L



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## Hull and Deck Features:

Stringer System, Fiberglass  
Vent System, Engine Rooms-Integral With in Deck  
Graphics, Low Signature Digital Camo with matching Rub Rail  
Cleats, Low Profile Custom Pull Up (8 Stainless Steel)  
Anchor, Rope/Chain Storage Below  
Bow Towing Eye Thru-Bolted  
Deck Fill Plates, Stainless Steel  
Hatches, Access to Hydraulic Systems (2)  
Lights, Navigation  
Swim Platform, Integral  
Thru-Hull Fittings, Stainless Steel

## Interior:

Lighting, 12 V Throughout  
Outlet, 120 V GFI Protected  
Sump Pumps Under Steps (2)

## Cockpit Features:

Seating, SHOXS 6500 Series - Ride Stabilization Captain & Navigator Drop Down Bolster-SS Lap Belts-Armrests-Stowable Footrest at Helm  
Seating, SHOXS 6100 Series - Ride Stabilization-Includes Drop Down Bolster-SS Lap Belts-Pistol Grips-Chart Pockets, FWD of Helm (2)  
Steps, Molded FWD Deck Access  
Floor Liner, Fiberglass-Self Bailing  
Door, Lockable Cabin Entry Framed (2)  
Door, Lockable Access Helm Station (Port & Stbd )  
Hatches, Engine and Generator Service  
Lighting, Indirect LED  
Outlet, 12 V Accessory  
Outlet, 120 V GFI Protected (2) At Helm  
Windscreen On Helm Station



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## Technical At Helm:

Engine Electronic Monitoring Display System  
Engine Shift/Throttle Electronic  
Steering, Hydraulic Arneson W/Indicators & Switches  
Trim System Hydraulic Arneson W/Indicators & Switches  
Emergency Start System-Engines  
Alarms, High Water-Bilge  
Compass  
Horn, Air-Dual Trumpet  
Panels, Switches Illuminated  
Weatherproof Rockers

## Electronics:

Garmin 7215 15" Chart Plotters with Color Touch Screen Displays (2)  
Garmin GPS  
Garmin VHF 200 Radio 25 Watt  
W/Remote Microphone & 4' Antenna  
Electrical Circuit, 50 Amp/12 V

## Generator:

120/60 Cycle 4.7 kW Diesel Installed with sound shield  
Remote Start, W/Muffler  
Freshwater Cooling  
Fuel Filter, Seacock & Seawater Strainer  
Separate Battery Group 27  
Separate Aluminum Fuel tank 81 gallons

## Standard Propulsion:

Catepillar C6.4 500HP TurboDiesel (Twin)  
Arneson ASD-08 Integrated Trim & Steering System (Twin)  
Propellers, Rolla 6 Blade 19 1/2" Diameter X 25.5 Pitch  
Seacocks On All Underwater Fittings  
Seawater Strainers

## Air Conditioning/Heating:

Zone-Controlled Reverse-Cycle System  
12,000 BTU  
Custom Integral Vent System



## Engine Rooms:

Bilge Pumps 12 V Automatic (2)  
Blowers 12 V (2)  
Dual Fire Suppression System Automatic W/  
Manual Pull at Helm  
Lighting 12 V

## Fuel System:

Fuel Filters (2) Dual Racor 75-500 Max for Engines  
Fuel Lines USCG Type A-1  
Fuel Tanks (3) Aluminum W/Electric Sending

## CONTACT:

Universal Catamaran Corporation (UNICAT)  
Thriller Powerboats  
2800 West Cypress Creek Rd.  
Ft. Lauderdale, Florida 33309  
Phone: 772-429-8816 • Fax: 772-429-8810  
Email: [harborp@aol.com](mailto:harborp@aol.com)  
Web Site: [www.thrillerboat.com](http://www.thrillerboat.com)