





AETAL SHARK

Metal Shark Endurance-Class Catamarans are welded aluminum pilothouse catamarans specially designed for use as law enforcement, port security, and fire rescue response boats. Like all Metal Sharks, they may be fully customized to meet virtually any mission requirement. Regardless of configuration and equipment, each Endurance vessel is an extremely stable, dependable, and highly capable platform well suited for both inland and offshore use.

(75' Endurance shown above.)





Hull Design: The 55 Endurance features a proven Metal Shark hull design that has been engineered and built to precise tolerances. To achieve its superior hull life rating of 30+ years, the vessel's hull, deck, and pilothouse structure are composed entirely of heavy, welded plates of premium-grade 5086 aluminum alloy. Thanks to its wide 19' beam, the 55 Endurance is extremely stable and requires minumum maintenance. The 55 Endurance may be equipped with straight-shaft inboards, water jets, or pod propulsion units.





**Deck Layout:** At the heart of the 55 Endurance's crew-friendly design is its spacious, clutter-free deck arrangement that offers massive wide-open work spaces and allows for easy, surefooted passage from bow to stern. Wide, non-skid walkways feature low-level LED lighting for night missions, and careful consideration has been given to the placement of all rails and grab handles. A durable foam-filled collar and integtrated rub strakes or heavy duty rubrail provide impact resistance during alongside maneuvers; while port and starboard dive recesses and the full-width swim facilitate access to and from the water.



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Pilothouse: The most immediately apparent advancement in Metal Shark's Defiant pilothouse design is the use of pillarless glass to substantially enhance visibility. The result is a near elimination of the dangerous blind spots which are an unfortunate drawback of conventional pilothouse vessels. Large spotter windows allow the crew to see overhead aircraft. Further, the 55 Endurance's quickly opening side and aft pilothouse windows offer added flexibility and greatly facilitate communication when docking or maneuvering alongside another vessel. The pilothouse is shown here with a full galley, dinette, and crew station. Other configurations are available. (75' Endurance shown here and on the following pages.)





Helm: The Endurance features a massive dash area that easily accommodates all controls, instruments, and navigation equipment, allowing for easy operation of the vessel and all onboard systems. The elevated helm affords an outstanding view; facilitating navigation and maneurvering in multi-vessel and/or fire fighting operations.





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Crew Accommodations: Below-decks, the twin hulls provide berthing for ample crew, along with an enclosed head. Sleeping accommodations are separated from the pilothouse allowing off watch crew to rest without disrupting operations. Layouts may be modified to fit virtually any mission profile.





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**Custom Capability:** Like all Metal Sharks, the 55 Endurance may be full customized to suit a wide array of mission requirements. The vessel serves as an ideal platform for fire rescue missions, with fire pump package and multiple RF-controlled monitors. Metal Shark is well versed in the proper outfitting of vessels with electronics, fire fighting equipment, positive-pressure CBRNE (chemical, biological, radiological, nuclear, and high-yield explosive) filtration systems, or any other mission-specific hardware.



### METAL SHARK

# **55 ENDURANCE**

#### **SPECIFICATIONS:**

Length, Boat Only:55'Beam:19'Operational Draft, Outboards:36"Fuel Capacity (Std):Dual 600-Gallon Tanks

### **KEY FEATURES (Typical Arrangement):**

Batteries. Optima - Quad Bilge Pumps: (4) 3700 GPH Bow Bit & (8) 10" Cleats Collar:Solid Foam Wraparound Construction: Welded 5086 Aluminum Alloy Cabin Defrosting System Chart Table w/ Integrated Storage Dash: Large, for Electronics and Controls Decks: Self-Bailing w/ Scuppers Dive Reliefs: Port & Starboard Electronics Mounting Pod: Overhead Fire Extinguishers: (4) Fuel/Water Separators: Racor (2) Grab Rail Package Galley with Sink, Refrigerator, and Stove Head, Enclosed w/ Marine Toilet, Sink, & Hot Water Shower Ladder. Removable Life Ring w/ Mount Lighting: Accommodations Area Lighting: Courtesy LED Work Lights Lighting: Low-Level Walkway Illumination Lighting, Navigation Lockers: Bow/Anchor & Stern Non-Skid Decks & Gunnels Settee w/ Table (Converts to Berth) Steering Helm, Tilt Hydraulic Shore Power Cord w/ Charger Stern Bit Windows, Diamond SeaGlaze Windshield Wipers, Self Parking Zinc Anodes, Hull

### **COLLAR & HULL FENDERING SYSTEM:**

Heavy-Duty Sheath-Wrapped Foam Collar Bolt Rope Style Attachment System Black rub strake Anti-fouling paint preparation behind collar Custom color choices & UV coating protection Integrated dive relief cutouts

or

Heavy Duty Trapezoidal Rubber Rub Rail

### **SPECIAL NOTE:**

As a fully custom designer and manufacturer, Metal Shark routinely modifies vessels to meet a customer's specific requirements. Customization may entail anything from altering the physical dimensions and capacities of the vessel to the installation of specialized equipment and accessories.

Electronics, seating, paint finish (if desired) and virtually any other aspect of the vessel's features may be determined by the customer. The specifications and key features shown here are representative of a common vessel setup and are given for reference only







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