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# 75 ENDURANCE





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The **Metal Shark 75 Endurance** is a welded aluminum pilothouse catamaran specially designed for use as a law enforcement, port security, and fire rescue response boat. Like all Metal Sharks, it may be fully customized to meet virtually any mission requirement. Regardless of configuration and equipment, the 75 Endurance serves as an extremely stable, dependable, and highly capable platform that is well suited for both inland and offshore use.



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**Hull Design:** The 75 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 beam and catamaran hull design, the 75 Endurance is extremely stable. The 75 Endurance may be equipped with straight-shaft inboards, water jets, or pod propulsion systems.



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**Deck Layout:** At the heart of the 75 Endurance's crew-friendly design is a spacious deck arrangement offering wide-open work spaces and allowing for easy, surefooted passage from bow to stern. The vessel layout may be custom configured to meet specific mission requirements, but regardless of configuration careful consideration is given to the placement of grab rails and footholds. All belowdecks machinery spaces are easily accessed via large water-tight deck hatches, and walkways feature low-level LED lighting for nighttime operation. Heavy duty rubrails provide protection during alongside maneuvers, and urethane sheathed foam collar fendering systems are available.



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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 75 Endurance's quickly opening side and aft pilothouse windows offer added flexibility and greatly facilitate communication when docking or maneuvering alongside another vessel. The cabin space is fully configurable for any mission profile, with multiple options for crew seating, dining and lounge areas. Other options include shock mitigating captain's chairs, settee and dinette, galley and chart tables/desk areas.



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**Helm:** The 75 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 maneuvering in multi-vessel and/or fire fighting operations.



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**Crew Accommodations:** Below-decks, the twin hulls provide berthing for a crew of up to twelve, 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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**Fireboat Capability:** Like all Metal Sharks, the 75 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. The 75 Endurance may be configured to serve as a Command and Control vessel, and may be equipped with positive-pressure CBRNE (chemical, biological, radiological, nuclear, and high-yield explosive) filtration systems, or any other mission-specific hardware.



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**Diveboat Capability:** The 75 Endurance may be custom-configured for a wide range of applications. Shown here is an onboard decompression chamber installed in a 75' Endurance dive boat. For dive operations the 75 Endurance can accommodate custom equipment including dive station, deck decompression chamber, Nitrox O2 enriched diving system, jet pump, 5,000lb crane, diver hydraulics, diver hot water, FLIR camera, LRAD, diver recovery system, and a deployable recovery RIB.



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## 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 Trapezoidal Rub Rail  
Anti-fouling paint preparation behind rub rail

-Or-

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

## 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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