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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.



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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