

PATROL/INTERCEPTOR VESSEL PROCUREMENT – RBR COAST GUARD – RBRCG2026**Annex H – Mandatory Technical Requirements Checklist**

Proponents must be capable of delivering Vessels that meet the following baseline specifications

Category: *General Characteristics (Applies to both Vessel designs)*

Requirements	Meets Requirement	Does not Meet Requirement	Exception/Explanation
Length Overall (LOA) Between 33-38 feet			
Beam: Approximately 10-12 feet			
Deadrise: Approximately 25 degrees at the transom			
Light ship draft: ≤ 24 inches with engines trimmed up			
Fuel capacity: minimum 300 U.S. gallons.			
Payload capacity: minimum 3,500 pounds.			
Crew and passenger capacity: minimum 12 personnel.			
Approximate range: 200-300 NM @ Cruise speed: ~25–30 knots,			
Achieve top speed of 50 knots when fully loaded			
Hull certification: ISO 12217 Category B or higher.			
Hull material certification (5083-H116 or approved composite)			
Adherence to ABYC standards			
Hull colour: Proponent standard grey, or equivalent approved by RBRCG			

Category: *Environmental Suitability (Applies to both Vessel designs)*

Requirements	Meets Requirement	Does not Meet Requirement	Exception/Explanation
The Vessel shall maintain operational capability in Sea State 5.			
The Vessel shall maintain survivability in Sea State 6.			
All materials and finishes shall be UV-resistant, corrosion-resistant, and suitable for continuous saltwater exposure.			
The Vessel shall remain functional in air temperatures between 10°C and 40°C, and seawater temperatures between 10°C and 32°C.			
Vessel shall be designed for a minimum service life of fifteen (15) years			

Category: Trailer specifications (Applies to both Vessel designs)			
Requirements	Meets Requirement	Does not Meet Requirement	Exception/Explanation
Aluminium I-beam construction (marine-grade),			
Tandem or triple axles sized appropriately for full vessel weight			
Disc brakes on all axles			
Stainless steel hardware (fasteners, brackets, brake lines)			
Submersible LED lighting system			
Bunks or rollers matched to the hull profile			
Heavy-duty winch for assisted centering during recovery			
Spare tire with mount			
Gross Vehicle Weight Rating (GVWR) suitable for vessel, fuel, and equipment			
meets U.S. DOT and is compatible with standard towing vehicles used by the Royal Bermuda Regiment			
trailer maintenance documentation as part of the Vessel's delivery package			
Category: Warranty (Applies to both Vessel designs)			
Requirements	Meets Requirement	Does not Meet Requirement	Exception/Explanation
Vessel structure warranty against the hull, fuel tank, collar and structural components equal to or greater than 2 years			
Engine warranty shall be covered under an OEM manufacturers warranty equal to one year or greater			
Electronics and communications systems warranty equal to one year or greater			