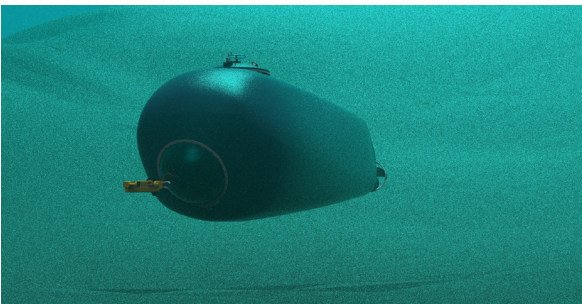


GURNARD

DEEP DIVING
WET & DRY SEABED
WARFARE SUBMARINE



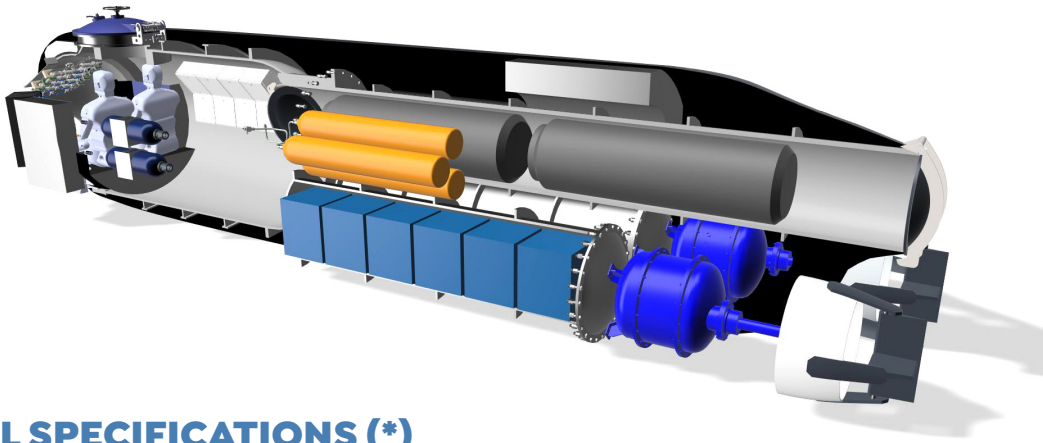
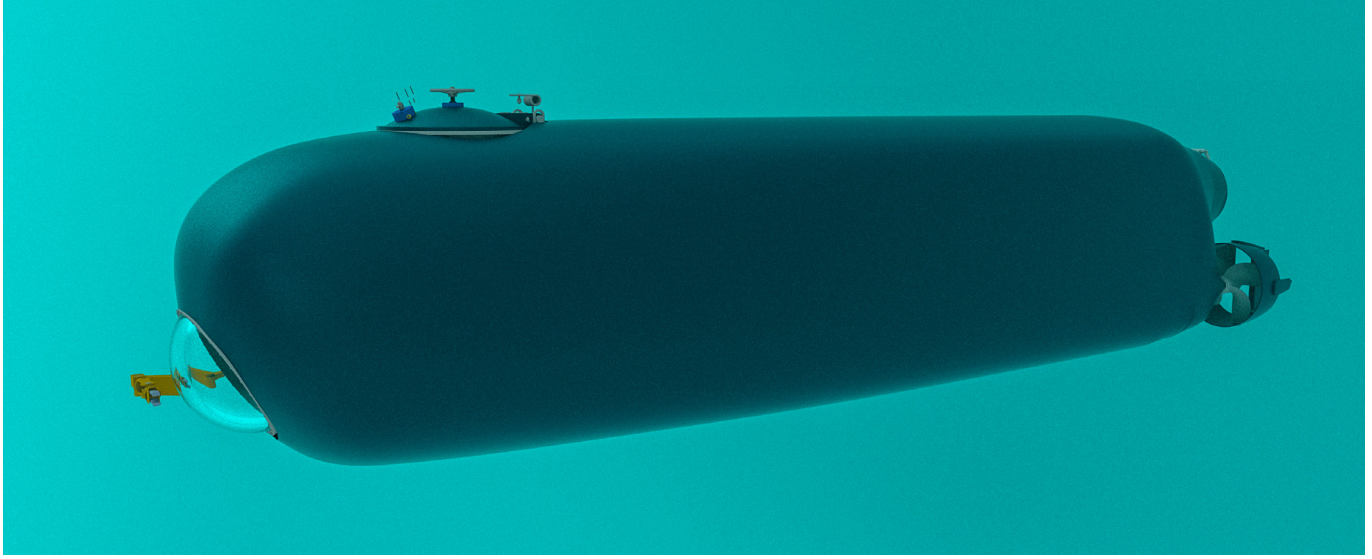
GURNARD IS A DEEP DIVING WET & DRY SEABED WARFARE SUBMARINE is designed to conduct seabed warfare to damage underwater communication/ electric cables via its manipulator and it can deliver 2 Malaman Mines.

Gurnard is designed to be carried on the back of larger submarines. Exterior structure of Gurnard can withstand a diving depth of 600m while inside is water resistant down to 50m. As a result, Gurnard can be carried without a need for a dry deck shelter on a submarine. Its water proof interior allows combat swimmers wet entry into the vehicle and conduct operation without need of mother submarine to surface.

Gurnard can be transported inside a standard 40 foot container. This allows a transport inside a ship container via sea, air or land transportation covertly. Two combat swimmers can operate vehicle. Gurnard can be operated in very shallow waters where large submarines can not manoeuvre. Also can be operated in very deep waters where larger submarines can not resist. Its size allows it to get closer to ports, offshore platforms and other critical infrastructures. Gurnard Deep Diving Wet & Dry Seabed Warfare Submarine can be delivered inside TCG Anadolu or similar Platform Docks.

GURNARD

DEEP DIVING WET & DRY SEABED WARFARE SUBMARINE



GENERAL SPECIFICATIONS (*)

*: A tailor made design for Navy's requirements are possible

Length (LOA)	9 m	Navigation	GNSS (Surface) INS+DVL (Underwater)
Beam (B)	1.8 m	Propulsion	2x12kW electric motor LFP Batteries
Height (D)	2.2 m	Weapons	2 units Malaman Mine
Displacement (▽)	12 tonnes	Sensors	Other: Forward looking sonar, side scan sonar
Diving Depth	600 m	Transport	40 foot container, airtransport via A400M
Operation Speed	4 knot	Other	Manipulator cutter
Max Speed	6 knot		
Range	100 nm (battery)		
Crew	2 Operator Combat Swimmers		
Communications	VHF, SATCOM		