

Sigma Multi Mission Frigate 11515

SIGMA 11515



Dimensions

Length overall	118.70 m
Beam mld	15.50 m
Draught (dwl)	abt. 4.60 m
Displacement (dwl)	abt. 3950 tonnes

Performance

Speed maximum power	27 knots
Electric Drive/ Cruising	15 knots
Range at Economical speed	5000 NM
Endurance	30 days

Propulsion system

Configuration	CODLOG *
Gasturbine	1 x LM2500 range or MT-30
Electric motors	2 x Direct coupled (low speed)
Arrangement	ER divided into FWD, AFT and GB Engine rooms
Gearbox	1 x Single input/double output
Shaft Lines and propellers	2 x shafts, 2 x CPP

* CODLAG/CODAD/CODLAD upon request

Auxiliary systems

Generator sets	4 x Main Diesel Generators
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Deck equipment

Boats	2 x 9m RHIB with Davits / USV
Helicopter Deck	suited for 11t helicopter
Helo operations	day / night with refuelling
Hangar	suited for NH-90 or equivalent
	dedicated UAV hangar
RAS/FAS	liquids (fuel+water) and solids

Accommodation

Fully air-conditioned accommodation for 144 persons	
Commanding Officer	1
Executive Officer	1
Officers	30
Chief Petty Officers	22
Petty Officers	24
Junior Ratings	66
NBC citadel with two decontamination stations	

Weapon & sensor suite

3D-Surveillance & target indication radar & IFF	
Multi Function Radar	
2 x Radar/EO Fire Control	
2 x Target Designation Sight	
Hull Mounted Sonar	
Variable Depth Sonar (independent tow)	
Combat management system	
Main gun 76 mm STRALES	
2 x ROMG 30 mm	
2 x 12.7 mm manual	
1 x CIWS	
2 x 4 cell SSM launcher	
2 x 8 cell VLS (Area Defence Capable)	
2 x triple Torpedo launcher	
R-ESM / C-ESM / L-ESM	
C-UAV	
R-ECM	
IRST	
4 x Decoys / chaff	
Integrated internal & external communication system	

Other/additional systems to be discussed

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