

# UNMANNED SURFACE VESSELS



UNMANNED SURFACE VESSELS (USV'S) ARE REMOTELY CONTROLLED BY AN OPERATOR LOCATED ASHORE OR ABOARD A MANNED VESSEL. THIS ALLOWS THE USV TO PROVIDE THE FIRST LINE OF DEFENCE AND INSPECTION OF THE POINT OF INTEREST, WHILE PERSONNEL AND CAPITAL ASSETS ARE HELD AT A SAFE DISTANCE.





**9m ULTIMATE**

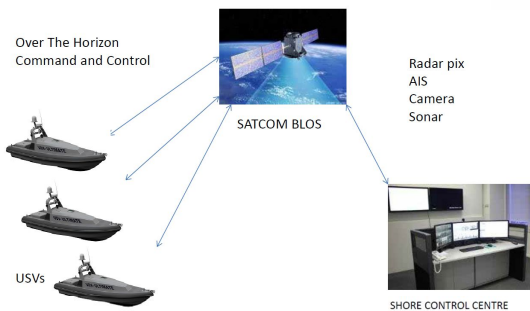


**13m GUARDIAN**

THE ULTIMATE AND GUARDIAN USV'S ARE FABRICATED USING MARINE GRADE ALUMINIUM.

SOFTWARE FULLY DEVELOPED, TESTED and IN SERVICE

<b>Leading particulars:</b>		
Length overall	9.00m	12.5m
Length waterline	7.7m	11.2m
Beam	2.86m	3.7m
Draught	0.5m	0.9m
Displacement (light)	3.8 tonnes	6.9 tonnes
Displacement (full)	4.5 tonnes	8.6 tonnes
Engine	1 x 275 HP	2 x 400 HP
Speed (full load)	30 knots	40 knots
Speed max. (half load)	33 knots	42 knots
Fuel capacity	700 L	1600 L
Sea State	3	6

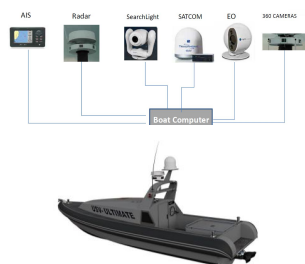


**TYPICAL CONTROL STATION DISPLAY**



## MISSION PROFILES

- INTERVENTION
- SECURITY
- DETERRENCE
- SEARCH and RESCUE



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