MODULAR USV PLATFORM

The VENUS Unmanned Surface Vehicle is a modular USV platform designed to meet growing interest of USV re-configurable for multi-missions,

The modular approach facilitates the integration of multi-missions modules to the USV which can then be configured for various missions without risking human lives.

VENUS USV

POTENTIAL MISSIONS
- Force Protection (FP)
- Mine Counter-measures (MCM)
- Anti-submarine Warfare (ASW)
- Electronics Warfare (EW)
- Precision Fire (PF)
- Maritime Surveillance
VENUS USV

PLATFORM
Hull Material: Composite
Engine: Diesel

CONTROL MODES
Remote Control
Waypoint
Station Keeping

NAVIGATION
GPS
Radar
Compass
AIS
V180 Video Camera

COMMUNICATION
Low Band for Control Data
High Band for Video/Mission Data

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VENUS 9</th>
<th>VENUS 11</th>
<th>VENUS 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propulsion</td>
<td>Propeller</td>
<td>Propeller</td>
<td>Waterjet</td>
</tr>
<tr>
<td>Operating Sea State</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>LOA</td>
<td>9.5 m</td>
<td>11.5 m</td>
<td>16.5 m</td>
</tr>
<tr>
<td>LOB</td>
<td>2.8m</td>
<td>3.2 m</td>
<td>5.0 m</td>
</tr>
<tr>
<td>Displacement, Loaded</td>
<td>5,500 kg</td>
<td>11,000 kg</td>
<td>26,000 kg</td>
</tr>
<tr>
<td>Payload (Fluid &amp; Deadweight)</td>
<td>2,500 kg</td>
<td>2,000 kg</td>
<td>4,500 kg</td>
</tr>
<tr>
<td>Speed, Max</td>
<td>30 Knots</td>
<td>30 Knots</td>
<td>35 Knots</td>
</tr>
</tbody>
</table>

{Boat Image}