Excellence in Naval Engineering

SHOLDS
Ships Helicopter Operational Limit Display System

AN EXTENSION OF AGIMET & MORIAH SYSTEMS

SHOLDS provides real-time, automatic plotting capabilities of the relative wind measured by the ship’s on-board meteorological system. This removes the need for printer paper SHOL envelopes, minimising the ship crew’s workload.

SHOLDS also incorporates ‘Fox Corpen’ or ‘Flying Course’; if the wind parameters are outside the specified limits, the system will calculate and display the ship course and speed required to achieve safe operation.

Real-time Reduced
display manning & workload

NMEA interfaces

Multiple SHOL envelopes

Trusted, proven technology to reduce crew workload
**Automated** plotting for reduced workload

**FUNCTIONALITY**
- Dynamic display of ships relative wind, superimposed on a pre-selected helicopter operating limits diagram
- Indicates a Green (Go) status if the wind is within limits, and a Red (No-Go) if outside limits, to assist the Flight officer assess flight operations’ safety
- Other parameters such as sea state, pitch and roll are also considered in the decision to launch or recover a helicopter.

**MFCR BASE UNIT**
- Based on AGI’s MFCR hardware
- The MFCR units employ dedicated software to perform the SHOL application
- Bulkhead or panel mounted versions
- Multiple SHOL envelop storage
- Capability to display multiple log, meteorological and own ships data pages in addition to SHOL data
- Custom data pages available

**FLYING COURSE FOX CORPEN MODE**
- Enter the MFCR / SHOLDS into FOX CORPEN mode
- Position the cursor for the desired wind (within the envelope)
- The system will give suggestions for a new ships speed and/or course.

**SPECIFICATION**

<table>
<thead>
<tr>
<th>Available sizes</th>
<th>15”, 10.4”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply voltage</td>
<td>115/230 VAC (factory set)</td>
</tr>
<tr>
<td>Dimming</td>
<td>Dimmable to zero brightness</td>
</tr>
<tr>
<td>Interfaces (standard)</td>
<td>Multiple RS422 channels (Bi-directional Comms, Opto-isolated)</td>
</tr>
<tr>
<td>Interfaces (optional)</td>
<td>Ethernet</td>
</tr>
</tbody>
</table>

**TRADITIONAL MANUALLY PLOTTED PAPER SHOL ENVELOPE**

**DIGITISED SHOLDS DISPLAYS**

For more information or to enquire about our **bespoke design services** please get in touch:

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