SHOLDS

Ships Helicopter Operational Limit Display System

- Real-time display
- Reduced manning & workload
- NMEA interfaces
- Multiple SHOL envelopes

an Extension of AGIMET & MORIAH systems

Trusted, proven technology to reduce crew workload

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 printed 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.

TRIDENT
Maritime Systems

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.

FLYING COURSE FOX CORPEN MODE

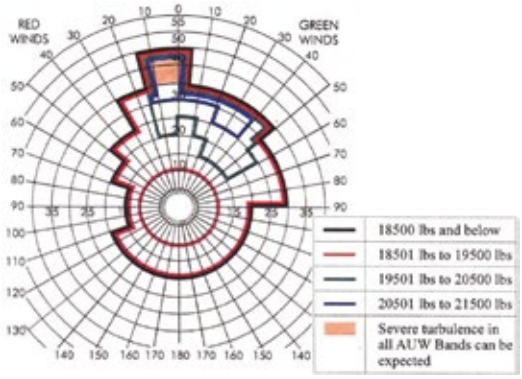
- Enter the MFCR / SHOLDS into FOX CORPEN mode
- Position the cursor for the desired wind (within the envelope)
- The system will give suggestions for a new ships speed and/or course.

MFCR BASE UNIT

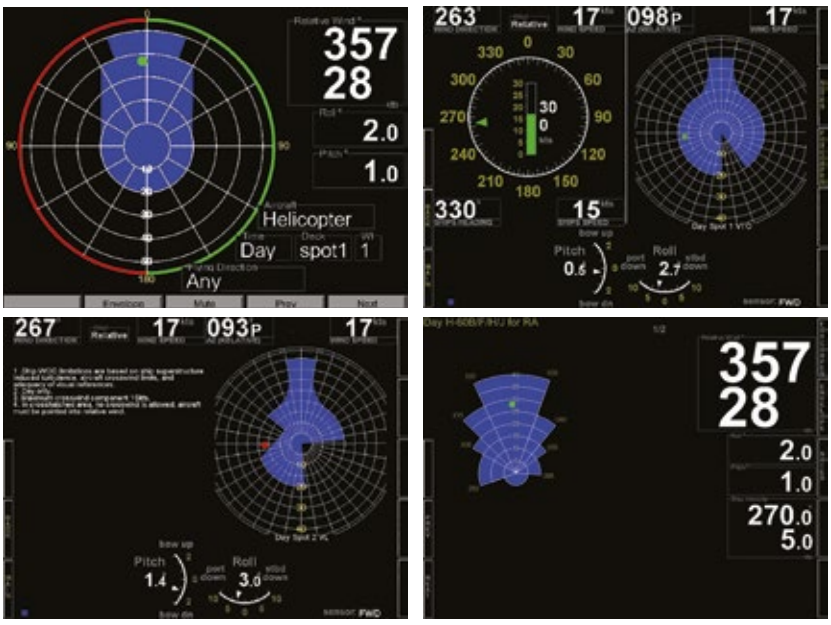
- Based on TMS's MFCR hardware
- The MFCR units employ dedicated software to perform the SHOL application
- Bulkhead or panel mounted versions
- Multiple SHOL envelop storage
- Capability to display multiple log, meteorological and own ships data pages in addition to SHOL data
- Custom data pages available

SPECIFICATION	
Available sizes	15", 10.4"
Power supply voltage	115/230 VAC (factory set)
Dimming	Dimmable to zero brightness
Interfaces (standard)	Multiple RS422 channels (Bi-directional Comms, Opto-isolated)
Interfaces (optional)	Ethernet

TRADITIONAL MANUALLY PLOTTED PAPER SHOL ENVELOPE



DIGITISED SHOLDS DISPLAYS



TRIDENT Maritime Systems

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