AMI

VDR/S-VDR

VOYAGE DATA RECORDER

The AMI Marine VR2272B conforms to all the current IMO / IEC / SOLAS standards. The system has been designed so that it can be installed on new ships and retrofits alike.

The VR2272B captures all mandatory information and stores it in an approved final recording media, the Capsule.

The data capture is fully automated and requires no further action from the ships crew.

Following an incident, a minimum of 12 hours historic playback data is recovered by downloading the information from the Capsule onto a portable laptop computer.
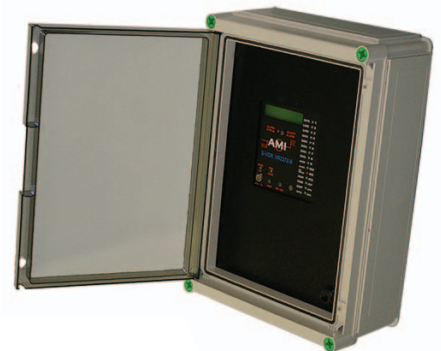
Up to a further 2 days of ships data information can also be accessed from the system memory which is then overwritten on a continual loop process.

The system continues recording data without interruption during the download process.

The AMI Voyage Data Recorder system comprises:

Main Electronics Unit (MEU)
Capsule Fixed KW999-S/L
Bridge Microphones KW972
VHF Interface KW973
Remote Alarm Unit KW950-NT
Battery Backed PSU KW914-C

The modular system is compact and lightweight making it ideal for the smaller bridge.

World Leaders in Marine Interfacing and Retransmission Solutions

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tech talk..
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AMI

VDR/S-VDR

SPECIFICATIONS

Main Electronics Unit (MEU)
The Main Electronics Unit operates without a keyboard, mouse or PC display. The Control and Display panel, power & distribution board, Radar capture, data combiners & audio interface complete the system.

Data Acquisition
Records the combined mandatory data.
Records all Bridge audio and a designated VHF.
Digitises, compresses and saves the RADAR file every 15 seconds

Control and Display Panel
Minimal controls.
Status and Alarm Display.
Audible alarm.
Status LEDs.
Push to Save data to local memory.
Push to test microphones.
Power key switch.

AI6MR Audio Interface
The Audio Interface will accept up to 5 microphones.
1 VHF COMM input.

Microphones KW972
Adjustable Gain and Compression.
Self Testing.

VHF Interface KW973 (AI2049)
The KW973 (AI2049) will interface directly with the Sailor RT2048 or will accept the outputs from other makes of VHF by inputting Receive audio and Transmit audio and then adjusting the audio inputs to balance the combined audio output to the VDR .

Capsule (AMI Fixed)
The capsule will hold a minimum of 12 hours of radar, data and audio.

Float Free available for the SVDR
The capsule will hold a minimum of 12 hours of radar, data and audio.

Remote Alarm Unit
Audible and Visual Alarm. Plus a Mute switch.

AMI-UPS KW914-C Battery Backed UPS
An 220/110v AC - 24v DC charging supply up to 2A
2 x 12V DC batteries providing 24v at max 12A/Hr
Auto switch over on AC Fail
Contact Closure on AC Fail Alarm

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