



WORLDWIDE SERVICE FOR HYUNDAI MARINE AUTOMATION & SAFETY SYSTEMS

INCLUDING ACONIS 1000, 2000, 2000E ADVANCED CONTROL & INTEGRATION
SYSTEMS, PMS & HiVDR VOYAGE DATA RECORDERS



KEEPING YOUR ACONIS & HiVDR SYSTEMS RUNNING

Safe, reliable and cost effective operation of a modern fleet is the main objective of today's ship owners, operators and managers. With ever increasing levels of automation on board it is critical that these systems are continuously available, reliable and when failures do occur they are rectified as quickly as possible. In order to achieve this, easy access to round the clock responsive, expert service is essential.

As an approved Hyundai service agent, MJR Power & Automation provides this service.



GLOBAL EXPERTISE

Providing marine electrical power systems, automation and electronic system servicing and repair to the marine industry for over 20 years', MJR Power & Automation is your no. 1 trusted service partner for Hyundai ACONIS & HiVDR.





HYUNDAI TRAINED & AUTHORISED

Factory trained by Hyundai Heavy Industries, South Korea and an Authorized Service Partner, our service engineers are available 24/7 for dispatch worldwide to carry out fast servicing, repair and maintenance of your ACONIS & HiVDR systems.

Although mainly focusing on providing service in the UK, Europe & Middle East, we are available to travel worldwide and frequently service customers around the globe. From replacement of defective control hardware to reconfiguration of servers and operator workstations we provide a full service covering: emergency repairs, routine and preventative maintenance, inspection & survey, system configuration, programming, re commissioning, software backups, retrofit & upgrades.

Our service engineers have significant experience of marine systems and unlike many other service providers we take a 'systems' approach. Our involvement does not stop at your ACONIS or HiVDR systems and we can troubleshoot and repair a wide range of ships systems, from power generation to propulsion.



OFFSHORE SUPPORT CAPABILITIES

We're fully trained and certified for offshore work and hold BOSIET (Basic Offshore Safety Induction & Emergency Training) certificates and medicals, enabling us to provide service for all types of Offshore Vessels and Mobile Offshore Drilling Units.



COMPREHENSIVE SERVICE

We provide a full after sales and through life support service for ACONIS 1000, 2000, 2000E Advanced Integrated Automation & Control Systems, PMS & HiVDR Voyage Data Recorders.



SPARES & REPAIR

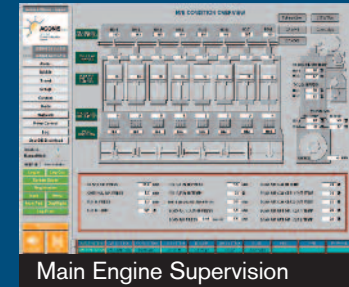
With our fully equipped electronic repair workshops we carry out module and board repairs to component level, operator station/server repairs and reconfiguration and full system testing prior to re-installation. Supported by the largest ACONIS spares stock in Europe, we offer quick turnaround and a priority service for urgent cases and contract customers.



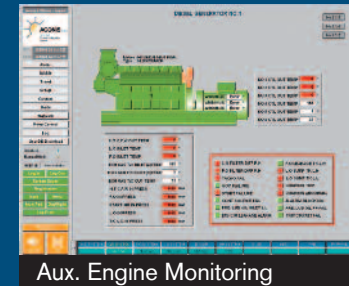
CALL OUT OR CONTRACT?

Much of our work is 'non contract' with a significant volume of unplanned call out and emergency response cases, to which we respond on a 'first come first served' basis.

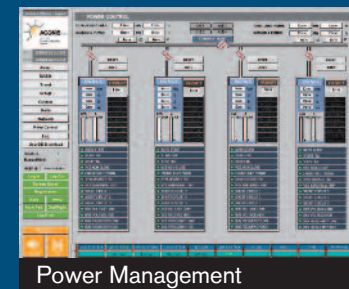
For customers that require a priority service and guaranteed response times, we offer a range of service contracts that ensure minimum service levels enabling us to provide the highest levels of support.



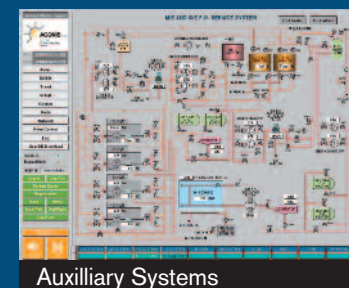
Main Engine Supervision



Aux. Engine Monitoring



Power Management



Auxiliary Systems

COMPLETE EXPERIENCE WITH ALL SHIPS SYSTEMS

- Power Generation, Management & Distribution
- Generator Excitation Systems
- Switchgear
- Propulsion Control
- Diesel Electric Systems & Variable Speed Drives
- Dynamic Positioning
- Main & Auxiliary Engine Control
- Fuel Oil & Lub Oil Control
- Starting, Control & Working Air Systems
- Boiler Fuel Oil & Feed Water
- Thermal Oil Systems
- HVAC
- Pump/Fan Control
- Black, Grey, Potable & Technical Water Systems





CLASS APPROVED

Recognised and approved by major Marine Classification Societies to carry out annual survey, re-certification and repair of HiVDR Voyage Data Recorders.

**VOYAGE DATA RECORDER
ANNUAL SURVEY**

CERTIFICATE OF COMPLIANCE
CERTIFICATE NO

This is to certify that the annual survey of:

IMO

has been assessed by HHI and found to be in conformance with the requirements set forth by:
ISO 9001/2000 and SOLAS Ch. V and IMO Res. A.561 (20) Recommendation on performance standards for shipborne Voyage Data Recorders (VDRS) and IEC 61996 Shipborne Voyage Data Recorder (VDR) Performance requirements – Methods of testing and required test results

This annual survey is applicable to:
Voyage Data Recorder
With type designation(s)
HiVDR s/n:
Manufactured by
Hyundai Heavy Industries Co., Ltd
Ulsan, Republic of Korea

DNV **DNV**

Place and date

(M/R CONTROLS LTD)
83 Wilton Court, Shelton On Sea, SS17 8PP UK
Tel: +44(0) 1842 762111 Fax: +44(0) 1842 762392

This Certificate is valid until

Surveyor: VDR specialist

Owner

Notice: Validity of this certificate is based on periodic audits of the installed Voyage data system defined by the above scope.
Any significant change or construction may render this Certificate invalid.
The validity date relates to the Annual survey Certificate and not to the approval of equipment/systems installed.





CASE STUDY

EMERGENCY SERVICE

A 274m, 159,000Te Suezmax Tanker suffered a complete loss of its ACONIS 2000 Advanced Control & Integration System, removing it from service. MJR immediately mobilized a service engineer with spare parts from stock to the vessel and within a few hours of boarding had restored the system to full operation, allowing the vessel to go back 'on hire'.

CLIENT

SKS Tankers

CHALLENGES

Emergency response, no prior knowledge of the system, no software backup available to us and very few details on the nature of the failure.

LOCATION

Port of Liverpool, UK.

CONDITION ON ARRIVAL

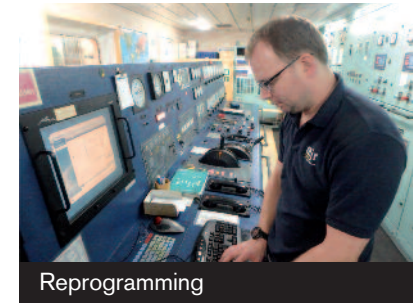
Both ECR Servers not functioning due to software corruption resulting in no process data being displayed on the Operator Station Screens and no functioning Alarm System.



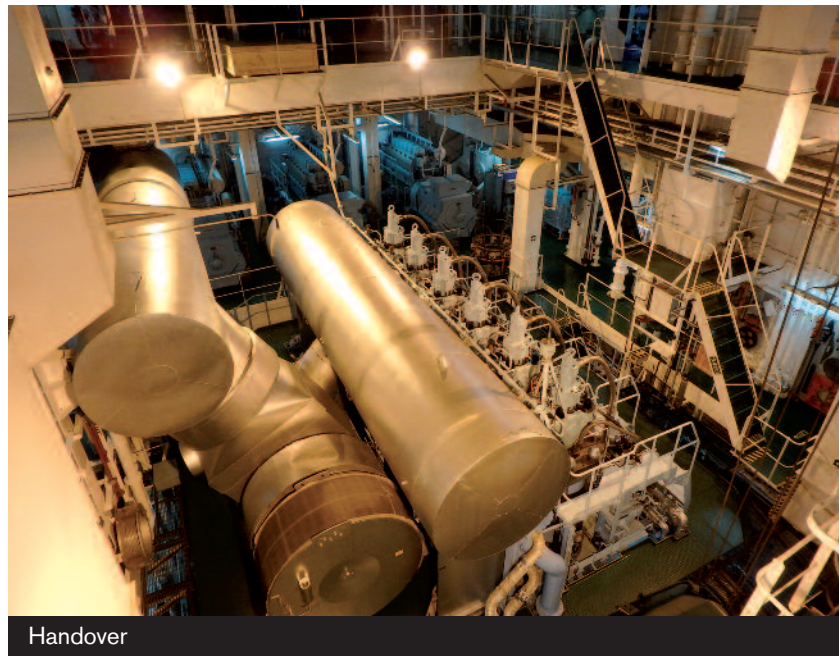
Failure investigation



Hardware replacement



Reprogramming



Handover



Testing



Commissioning

CONDITION ON DEPARTURE

Servers replaced and reconfigured with on board backup data. System restored to full operation and tested. Software backup taken and archived on our servers.



SKS SATILLA

PROTECT THE ENVIRONMENT
NO BURNING

FAST, DEPENDABLE SERVICE



CAPABLE

Trained and certified to the highest levels, our service team is backed up by years of marine electrical and electronic system installation, commissioning, servicing and repair experience.



RESPONSIVE

We understand that quick response and good technical support is critical to keeping your vessels working and reducing operational downtime. When you ask for support you need it, fast.



EXPERIENCED

Our service engineers have a wide range of ship system experience and a true marine systems understanding. Many have direct vessel operational experience and have been closely involved with the design, installation and commissioning of all types of marine systems.



TRUSTED

Working for some of the largest and well-known names in the industry, we are trusted to have the knowledge and experience to deliver in the most demanding environments.



CONTACT



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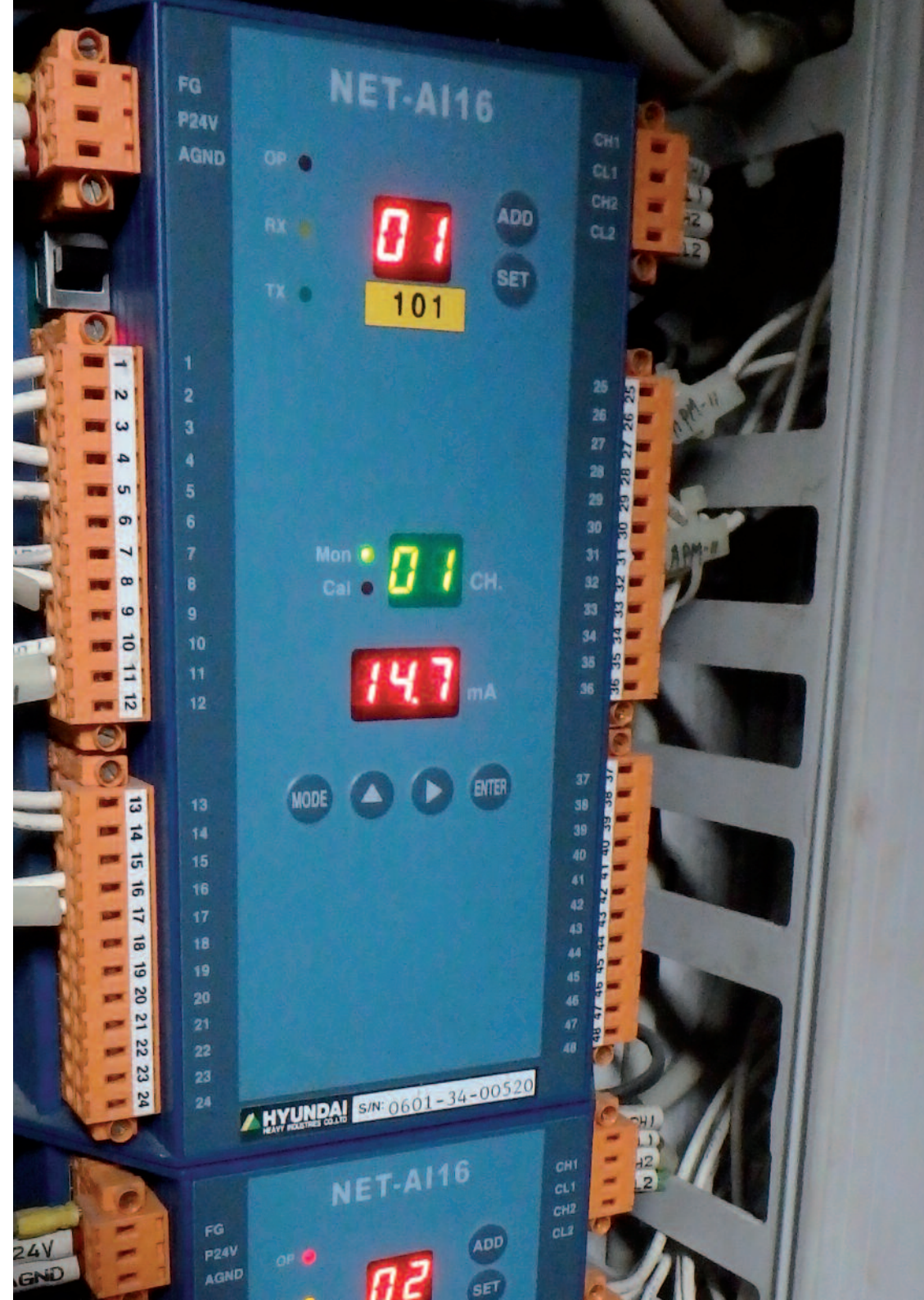


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