

JRCS has our own Customer Support Services and access to the International Service Network. For further information, please contact jrcs@jrcs.co.jp



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Regular Inspection & Maintenance Planning

Regular Inspection & Maintenance Planning

Planning of inspections, adjustments and periodic replacements are all part of a recommended procedure to provide JRCS products with stability and efficiency for extended periods of time. Our skilled service engineers are available to carry out all the necessary tasks in accordance with Regular Inspection & Maintenance Planning specifically prepared for each vessel.

The Benefits

Improved Maintenance = Improved Reliability and Safety
As the manufacturer, we will recommend the correct plans to match the equipment installed on your vessels. Therefore, please do not hesitate to contact us when we will be pleased to provide proposals to meet your requirements. (E-mail: jracs@jracs.co.jp)

Alarm & Monitoring System (AMS) (Engine Control Console)

- Moving parts for cooling fan and printer
- CRT and LCD displays
- Electric source unit
 - Back up battery and battery for Uninterrupted Power Supply (UPS)
 - Inspection from sensors on engine side to AMS

Main and Emergency Switchboards

- ACB - regular inspection by experts is important especially for ACB opened at frequent intervals
- Inspection of generator automatic control system
 - Electric source unit
- Replacement of back up battery and governor relay

Starter Panel

- Prevention of open phase and starter burnout due to contact wear-out
- Replacement and cleaning of high voltage magnetic contactor

General Inspection

- Mechanical fixings (bolts, hinges and terminals)
 - Check and clean installed parts
 - Voltage measurement and stability check of electric source units
 - Check wiring cables
- Results are recorded on submitted reports after inspection.

Regular Inspection & Maintenance Planning

A regular inspection and maintenance planning specially prepared for the systems on your vessel(s)

MSB Regular Inspection and Maintenance Schedule

Example:

Equipment	Time Period	Year																				
		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
MSB																						
Cleaning inside the panel	Interval: 2 years		○				○			○			○			○			○			○
Control Power Circuit Inspection	Interval: 2 years		○				○			○			○			○			○			○
Terminal Board and Connector Tightening up	Interval: 2 years		○				○			○			○			○			○			○
Control Parts Inspection (Colorification, Discoloration)	Interval: 2 years		○				○			○			○			○			○			○
ACB for Generators Maintenance	Interval: 4 years				△				△			△			△			△			△	
ACB for Generators Overhaul at maker's factory approx. 5000 times	Interval: 8 years								△						△					△		
Governor Control Auxiliary Relay Replacement	Interval: 4 years				□					□				□					□			□
ACB Closing Auxiliary Relay Replacement	Interval: 4 years				□					□				□					□			□
Governor Control Switch Replacement	Interval: 10 years										□										□	
ACB Control Switch Replacement	Interval: 10 years										□										□	
GEN Start and Stop Switch Replacement	Interval: 10 years										□										□	
Synchro. Scope	Interval: 4 years				△					△				△						△		
Synchro. Calibration only	Interval: 4 years				△					△				△						△		
Voltage, Current, Power, Frequency Meter Inspection and Calibration	Interval: 4 years				△					△				△						△		
JACOM-22			○							○				○						○		
Inspection in accordance with our list	Interval: 2 years		○							○				○						○		
GEN Engine Control Circuit Inspection	Interval: 2 years		○							○				○						○		

ACB: AE1600-SS
PMS: JACOM-22