The Main objective of e-GICS: To support safe and reliable operation of ships
- Early detection of problems
- Quick communication

1. Early detection of problems [Main engine diagnosis service]

**Performance diagnosis**
Performance data is analyzed compared to standard values.
12 to 16-page Reports.
Diagnosis results are available via the e-GICS web site.

**Maintenance diagnosis**
Estimates for the remaining life of the Cylinder liner, Piston crown, Piston ring, Exhaust valve & Fuel valve can be generated by using data taken at dock inspection.

2. Support by our engineers [Q&A System]

**Communication tool between customer and our engineers.**
Each case will be answered promptly and professionally.

Our engineers reply to your questions individually. The system keeps a history of all questions and answers. The Q&A can be viewed on the e-GICS web site and downloaded as a pdf file for easy distribution to vessels.


You can check our latest technical information on the e-GICS web site anywhere at anytime.

You will be informed of any new or revised technical news by e-mail.

4. Oil Data Management

If the auto diagnosis detects any abnormalities, automated descriptions and comments from our engineer are output.
- Graph display for each material.

5. MES-EPOCH & Combustion diagnosis

Cylinder Pressure Data taken by MES-EPOCH is analyzed to diagnose the combustion condition.

**MES-EPOCH** (Cylinder Pressure Analyzer)
- Accurate measurement.
- Quick sampling by an automatic cylinder number detecting function.

**Combustion diagnosis**
- Prevention of SFOC deterioration by optimal combustion operation.
- Detection of abnormal combustion at the early stage.
- Preventive maintenance by judgment of the abnormal parts.

6. Sales Parts Information

Clearance Sale information is available on the e-GICS web site.

No additional hardware / equipment is necessary.
Office: Internet connection is necessary
Vessel / Office: Adobe Reader®, Microsoft Excel®

e-GICS and MES-EPOCH is a registered trademark of MIE.