

To: Customers

Ref: FESN-2201
April 2022
Fuji Electric Co., Ltd

Fuji Electric Exhaust Gas Cleaning System (EGCS) Troubleshooting Issue (Rev.2)

We would like to express our deepest appreciation to you for your continued support for our ship exhaust gas cleaning systems (EGCS).

We have issued the Troubleshooting in March 2020 (Ref: FESN-2003) and revised one has been updated this time.

The following contents are added or revised:

6.09 Gas Analyzer (ZQS)

6.10 Water Quality Meter

This documents will be available on our server and kindly download them after log in our “Fe Libraly” as bellow link:

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Images

FE Fuji Electric
Innovating Energy Technology

TRUBLESHOOTING MANUAL

Date: 1st April 2022
Drawing No: VTS21-DG-34

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5.08 Gas Analyzer (ZQS)

11) The "Active Alert" message is 001,007

No. 001 001 EXHAUST GAS ANALYZER MAINTENANCE REQUEST ON
= EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW
= EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW

| Alert No. | Alert Name | Alert Description | Alert Level |
|-----------|---|---|-------------|
| 001 | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW | High |
| 002 | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO HIGH | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO HIGH | High |
| 003 | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO LOW | High |
| 004 | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO HIGH | EXHAUST GAS ANALYZER SAMPLE GAS FLOW RATE ZERO HIGH | High |

Alert Level: Level 1 - Local

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5.09 Water Quality Meter

12) Malfunction: Alert message

No. 00201 Malfunction: Water Quality Meter

| Alert No. | Alert Name | Alert Description | Alert Level |
|-----------|---------------------|---------------------|-------------|
| 001 | WATER QUALITY METER | WATER QUALITY METER | High |
| 002 | WATER QUALITY METER | WATER QUALITY METER | High |
| 003 | WATER QUALITY METER | WATER QUALITY METER | High |
| 004 | WATER QUALITY METER | WATER QUALITY METER | High |
| 005 | WATER QUALITY METER | WATER QUALITY METER | High |
| 006 | WATER QUALITY METER | WATER QUALITY METER | High |
| 007 | WATER QUALITY METER | WATER QUALITY METER | High |
| 008 | WATER QUALITY METER | WATER QUALITY METER | High |
| 009 | WATER QUALITY METER | WATER QUALITY METER | High |
| 010 | WATER QUALITY METER | WATER QUALITY METER | High |
| 011 | WATER QUALITY METER | WATER QUALITY METER | High |
| 012 | WATER QUALITY METER | WATER QUALITY METER | High |
| 013 | WATER QUALITY METER | WATER QUALITY METER | High |
| 014 | WATER QUALITY METER | WATER QUALITY METER | High |
| 015 | WATER QUALITY METER | WATER QUALITY METER | High |
| 016 | WATER QUALITY METER | WATER QUALITY METER | High |
| 017 | WATER QUALITY METER | WATER QUALITY METER | High |
| 018 | WATER QUALITY METER | WATER QUALITY METER | High |
| 019 | WATER QUALITY METER | WATER QUALITY METER | High |
| 020 | WATER QUALITY METER | WATER QUALITY METER | High |

Alert Level: Level 1

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