# Новое программное обеспечение для SL Checker

Nov 2013

MITSUBISHI HEAVY INDUSTRIES, LTD.

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# Содержание

1. Конфигурация системы
2. Работа с SL Cheker
3. Новые возможности

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# 1. Конфигурация системы

Сеть Superlink

Кабель USB

**Кабель USB**
**※ 4-pin A-type male - 4-pin B-type male**

**USB кабель приобртается отдельно)**

**Кабель для подключения к Superlink (в комплекте)**

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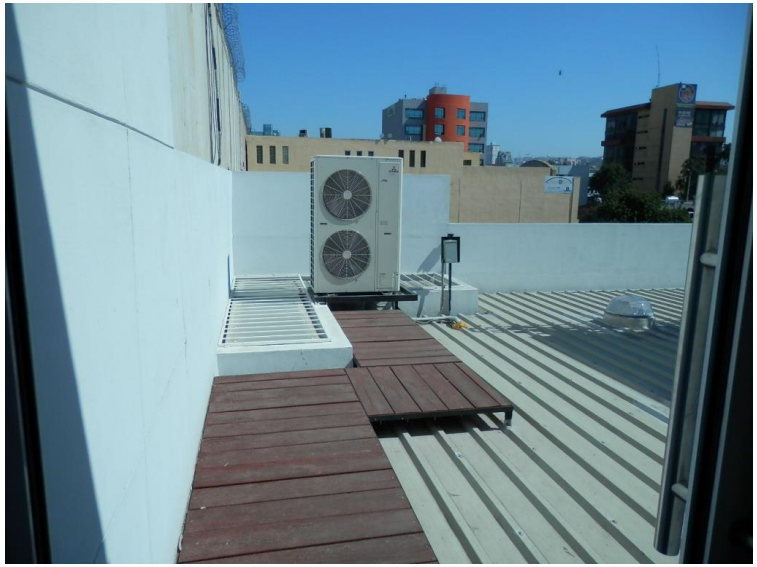
# 2. Использование



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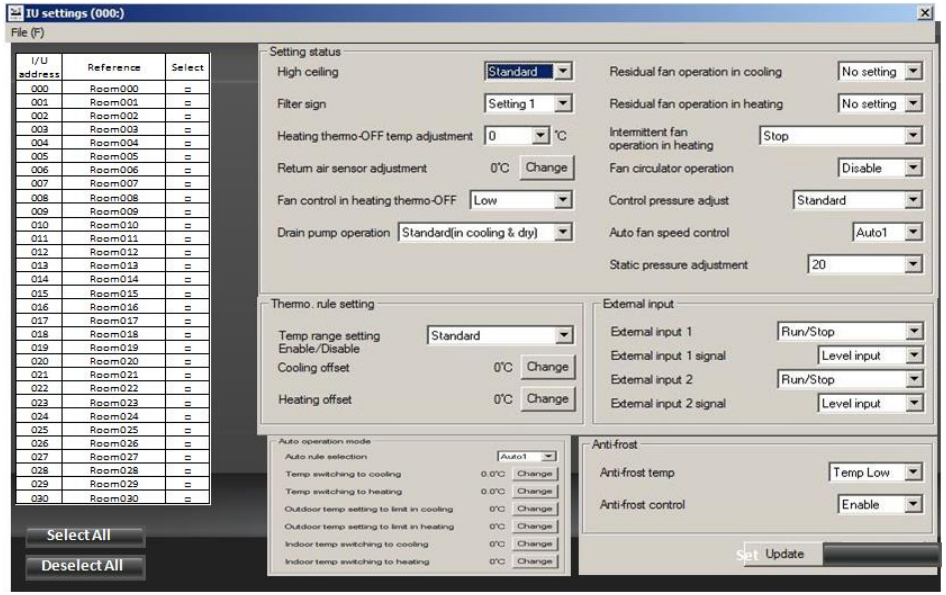
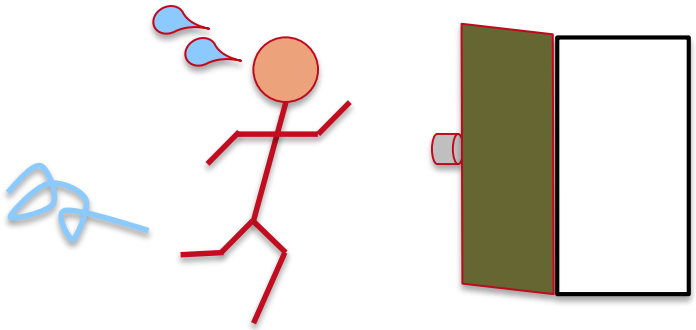
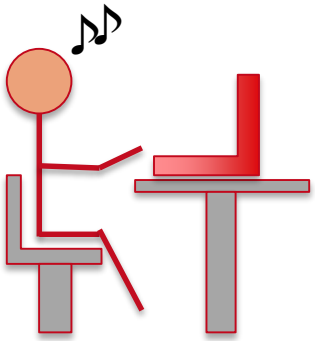
## (1) Помощь при монтаже

Конфигурации внутренних блоков можно установить с ноутбука.





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(2) Помощь при пуско-наладочных работах и диагностике неисправностей. Мониторинг режимов работы.

Возможность получить данные с MentePC и 7-ми сегментного дисплея

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RDegran FDC280KXE6 | Software | L3WC300 | | Outdoor u | 3 | | | | | | | | | | | | | |
| 2 | | PID | 36 | | | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un |
| 3 | | Outdoor u | S10 | | Indoor un | 2 | 1 | 4 | 3 | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist |
| 4 | | Power su | 50 | | Indoor un | 56 | 140 | 28 | 28 | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |
| 6 | | Error Cod | Error Unit | ThoA | ThoR1 | ThoR1 Lo | ThoR2 | ThoR2 Lo | ThoD1 | ThoS | ThoS Lo | ThoSC | ThoSC L | ThoH | ThoH Lo | ThoP1 | CT-inv1 | ThoC1 | CT1 |
| 7 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 9 | 05/07/2013 15:26:06 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 22 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 10 | 05/07/2013 15:26:17 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 11 | 05/07/2013 15:26:27 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 12 | 05/07/2013 15:26:47 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 37 | 16 |
| 13 | 05/07/2013 15:26:57 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 14 | 05/07/2013 15:27:07 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 15 | 05/07/2013 15:27:17 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 16 | 05/07/2013 15:27:27 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 17 | 05/07/2013 15:27:37 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 18 | 05/07/2013 15:27:47 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 39 | 16 |
| 19 | 05/07/2013 15:27:57 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 20 | 05/07/2013 15:28:07 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |
| 21 | 05/07/2013 15:28:17 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |
| 22 | 05/07/2013 15:28:27 | 0 | 0 | 37 | 46 | 19 | 47 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 23 | 05/07/2013 15:28:37 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 24 | 05/07/2013 15:28:47 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 25 | 05/07/2013 15:28:57 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 26 | 05/07/2013 15:29:07 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 27 | 05/07/2013 15:29:17 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 28 | 05/07/2013 15:29:27 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |

LOGDATA LOGDATA_INDOOR GRAPH GRAPH_INDOOR

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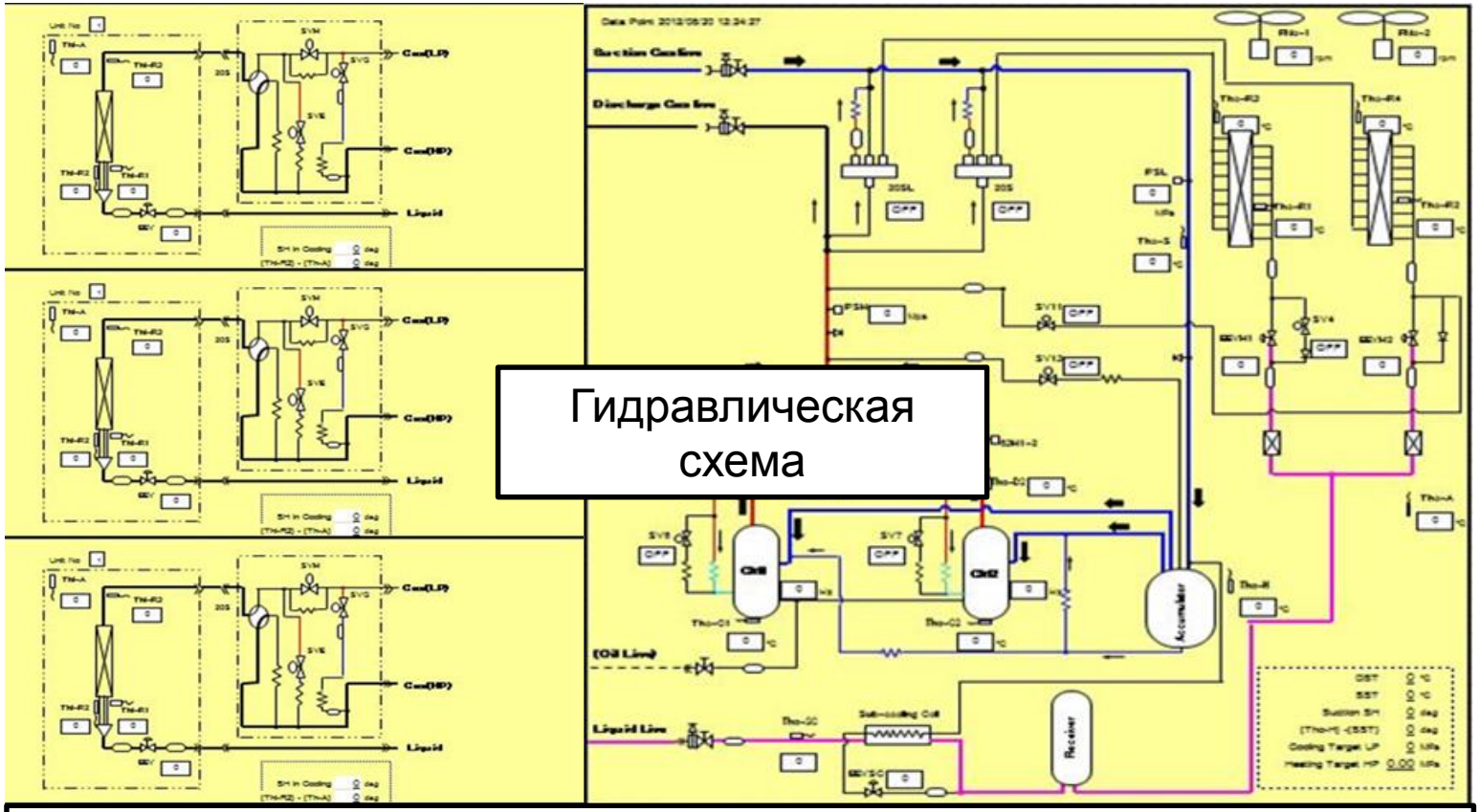
(2) Помощь при пуско-наладочных работах и диагностике неисправностей. Мониторинг режимов работы.




Статус

10:15 <Нормальная работа>Режим разморозки

10:32 <Ошибка> Обнаружена ошибка TD

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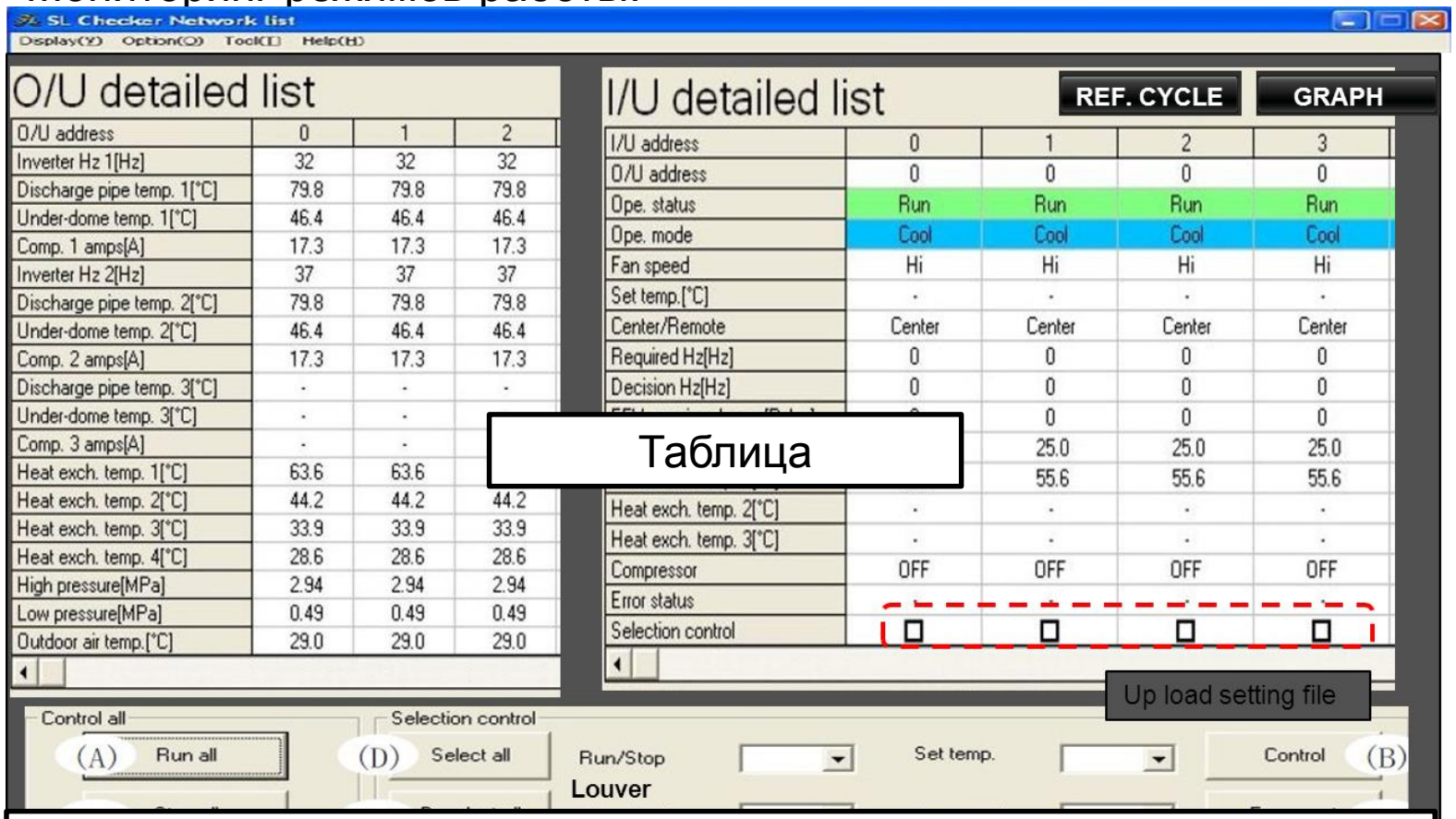
(2) Помощь при пуско-наладочных работах и диагностике неисправностей.
Мониторинг режимов работы.




| O/U address | 0 | 1 | 2 |
|---|---|---|---|
| Inverter Hz 1[Hz] | 32 | 32 | 32 |
| Discharge pipe temp. 1[°C] | 79.8 | 79.8 | 79.8 |
| Under-dome temp. 1[°C] | 46.4 | 46.4 | 46.4 |
| Comp. 1 amps[A] | 17.3 | 17.3 | 17.3 |
| Inverter Hz 2[Hz] | 37 | 37 | 37 |
| Discharge pipe temp. 2[°C] | 79.8 | 79.8 | 79.8 |
| Under-dome temp. 2[°C] | 46.4 | 46.4 | 46.4 |
| Comp. 2 amps[A] | 17.3 | 17.3 | 17.3 |
| Discharge pipe temp. 3[°C] | - | - | - |
| Under-dome temp. 3[°C] | - | - | |
| Comp. 3 amps[A] | - | - | |
| Heat exch. temp. 1[°C] | 63.6 | 63.6 | |
| Heat exch. temp. 2[°C] | 44.2 | 44.2 | 44.2 |
| Heat exch. temp. 3[°C] | 33.9 | 33.9 | 33.9 |
| Heat exch. temp. 4[°C] | 28.6 | 28.6 | 28.6 |
| High pressure[MPa] | 2.94 | 2.94 | 2.94 |
| Low pressure[MPa] | 0.49 | 0.49 | 0.49 |
| Outdoor air temp.[°C] | 29.0 | 29.0 | 29.0 |

| I/U address | 0 | 1 | 2 | 3 |
|---|---|---|---|---|
| O/U address | 0 | 0 | 0 | 0 |
| Ope. status | Run | Run | Run | Run |
| Ope. mode | Cool | Cool | Cool | Cool |
| Fan speed | Hi | Hi | Hi | Hi |
| Set temp.[°C] | - | - | - | - |
| Center/Remote | Center | Center | Center | Center |
| Required Hz[Hz] | 0 | 0 | 0 | 0 |
| Decision Hz[Hz] | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 |
| | | 25.0 | 25.0 | 25.0 |
| | | 55.6 | 55.6 | 55.6 |
| Heat exch. temp. 2[°C] | - | - | - | - |
| Heat exch. temp. 3[°C] | - | - | - | - |
| Compressor | OFF | OFF | OFF | OFF |
| Error status | | | | |
| Selection control | | | | |

Статус
10:15 <Нормальная работа>Режим разморозки
10:32 <Ошибка> Обнаружена ошибка TD

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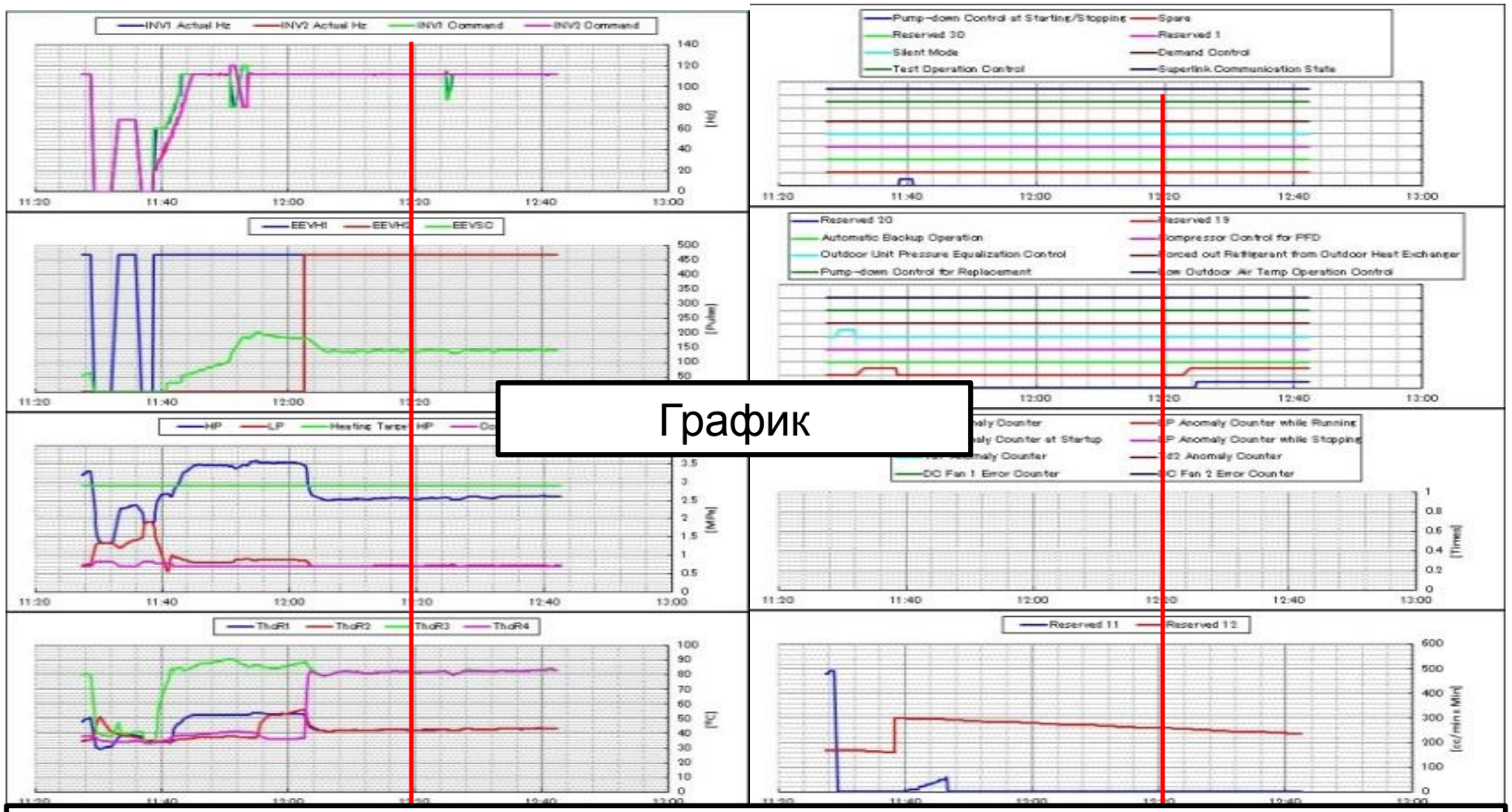
(2) Помощь при пуско-наладочных работах и диагностике неисправностей. Мониторинг режимов работы.




Статус

10:15 <Нормальная работа>Режим разморозки

10:32 <Ошибка> Обнаружена ошибка TD

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(2) Помощь при пуско-наладочных работах и диагностике неисправностей.
Мониторинг режимов работы.

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RDegran FDC280KXE6 | Software | L3WC300 | | Outdoor u | 3 | | | | | | | | | | | | | |
| 2 | | PID | 36 | | | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un |
| 3 | | Outdoor u | S10 | | Indoor un | 2 | 1 | 4 | 3 | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist | Not regist |
| 4 | | Power su | 50 | | Indoor un | 56 | 140 | 28 | 28 | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | |
| 6 | | Error Cod | Error Unit | ThoA | ThoR1 | ThoR1 Lo | ThoR2 | ThoR2 Lo | ThoD1 | ThoS | ThoS Lo | ThoSC | ThoSC L | ThoH | ThoH Lo | ThoP1 | CT-inv1 | ThoC1 | CT1 |
| 7 | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 9 | 05/07/2013 15:26:06 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 22 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 10 | 05/07/2013 15:26:17 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 11 | 05/07/2013 15:26:27 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 19 | 19 | 52 | 15 | 37 | 16 |
| 12 | 05/07/2013 15:26:47 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 37 | 16 |
| 13 | 05/07/2013 15:26:57 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 90 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 14 | 05/07/2013 15:27:07 | 0 | 0 | 38 | 46 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 15 | 05/07/2013 15:27:17 | 0 | 0 | 38 | 46 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 16 | 05/07/2013 15:27:27 | 0 | 0 | 38 | 46 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 17 | 05/07/2013 15:27:37 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 18 | 05/07/2013 15:27:47 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 39 | 16 |
| 19 | 05/07/2013 15:27:57 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 20 | 05/07/2013 15:28:07 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |
| 21 | 05/07/2013 15:28:17 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |
| 22 | 05/07/2013 15:28:27 | 0 | 0 | 37 | 46 | 19 | 47 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 23 | 05/07/2013 15:28:37 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 24 | 05/07/2013 15:28:47 | 0 | 0 | 37 | 46 | 19 | 48 | 19 | 91 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 25 | 05/07/2013 15:28:57 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 22 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 26 | 05/07/2013 15:29:07 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 27 | 05/07/2013 15:29:17 | 0 | 0 | 38 | 46 | 19 | 49 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 16 |
| 28 | 05/07/2013 15:29:27 | 0 | 0 | 38 | 46 | 19 | 48 | 19 | 92 | 16 | 16 | 23 | 19 | 18 | 18 | 52 | 15 | 38 | 15 |

LOGDATA / LOGDATA INDOOR / GRAPH / GRAPH INDOOR

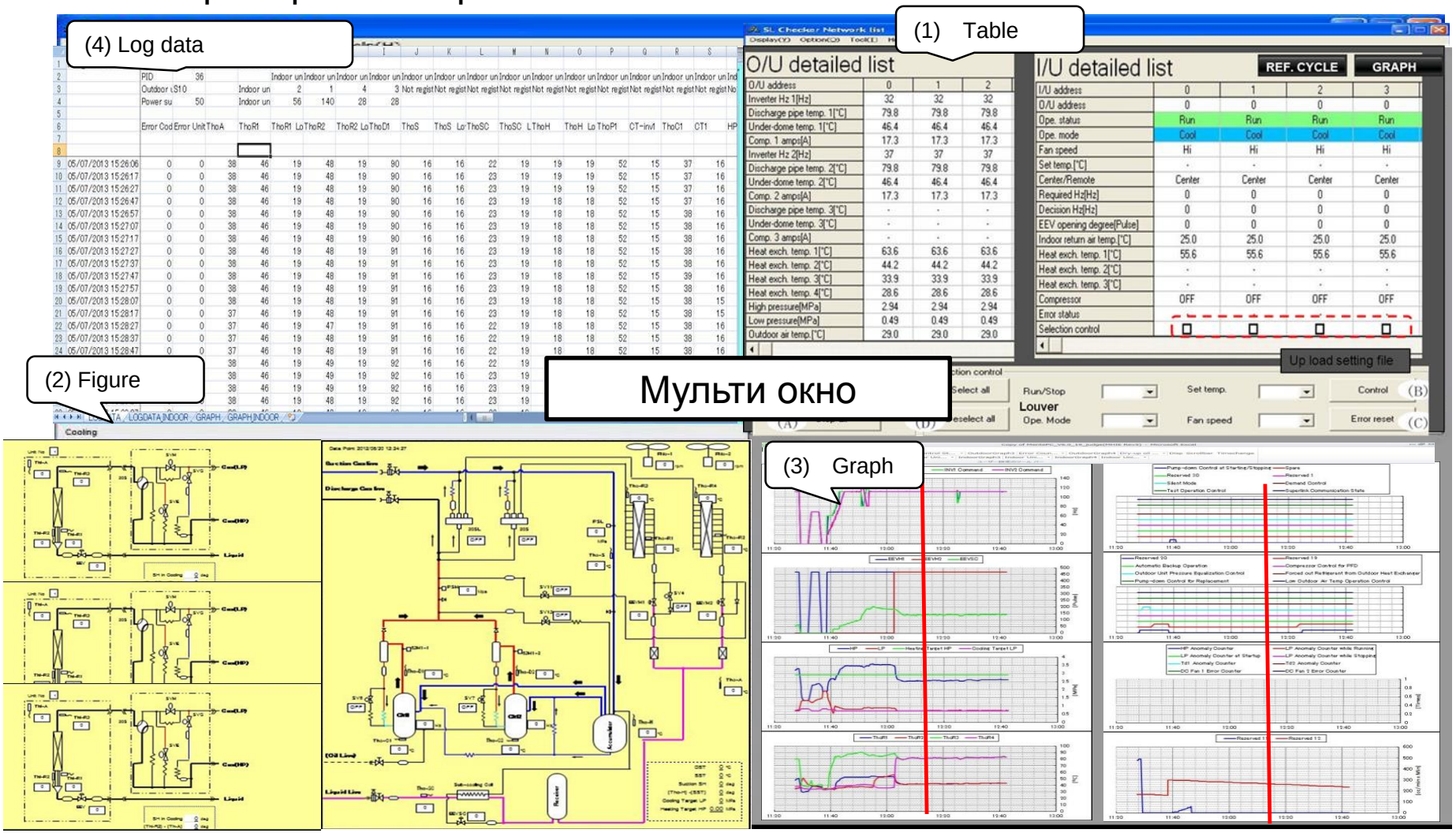
Лог-данные

Статус

10:15 <Нормальная работа>Режим разморозки

10:32 <Ошибка> Обнаружена ошибка TD

## (2) Помощь при пуско-наладочных работах и диагностике неисправностей. Мониторинг режимов работы.

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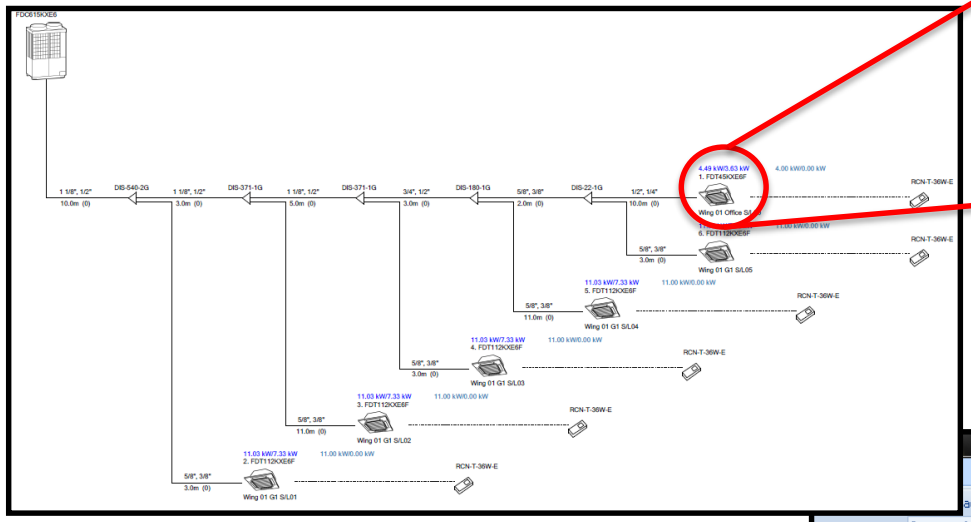
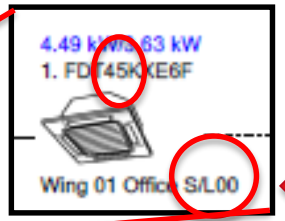
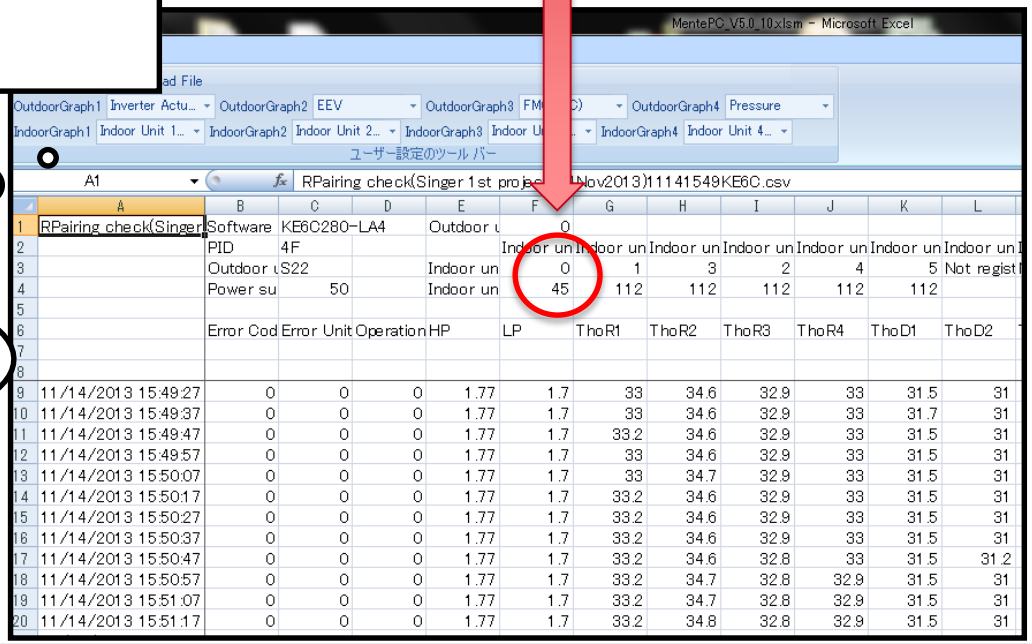
(2) Помощь при пуско-наладочных работах и диагностике неисправностей.
Проверка соединений.






| | A | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | RPairing check(Singer | Software | KE6C280-LA4 | | Outdoor u | 0 | | | | | | |
| 2 | | PID | 4F | | | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un | Indoor un |
| 3 | | Outdoor u | S22 | | Indoor un | 0 | 1 | 3 | 2 | 4 | 5 | Not regist |
| 4 | | Power su | 50 | | Indoor un | 45 | 112 | 112 | 112 | 112 | 112 | |
| 5 | | | | | | | | | | | | |
| 6 | | Error Cod | Error Unit | Operation | HP | LP | ThoR1 | ThoR2 | ThoR3 | ThoR4 | ThoD1 | ThoD2 |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | 11/14/2013 15:49:27 | 0 | 0 | 0 | 1.77 | 1.7 | 33 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 10 | 11/14/2013 15:49:37 | 0 | 0 | 0 | 1.77 | 1.7 | 33 | 34.6 | 32.9 | 33 | 31.7 | 31 |
| 11 | 11/14/2013 15:49:47 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 12 | 11/14/2013 15:49:57 | 0 | 0 | 0 | 1.77 | 1.7 | 33 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 13 | 11/14/2013 15:50:07 | 0 | 0 | 0 | 1.77 | 1.7 | 33 | 34.7 | 32.9 | 33 | 31.5 | 31 |
| 14 | 11/14/2013 15:50:17 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 15 | 11/14/2013 15:50:27 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 16 | 11/14/2013 15:50:37 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.6 | 32.9 | 33 | 31.5 | 31 |
| 17 | 11/14/2013 15:50:47 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.6 | 32.8 | 33 | 31.5 | 31.2 |
| 18 | 11/14/2013 15:50:57 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.7 | 32.8 | 32.9 | 31.5 | 31 |
| 19 | 11/14/2013 15:51:07 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.7 | 32.8 | 32.9 | 31.5 | 31 |
| 20 | 11/14/2013 15:51:17 | 0 | 0 | 0 | 1.77 | 1.7 | 33.2 | 34.8 | 32.8 | 32.9 | 31.5 | 31 |

Сравнение данных
(Данные с Esolution)
= Данные MentePC?

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## (2) Помощь при пуско-наладочных работах и диагностике неисправностей. Детальная техническая информация.

(a) **List of inspection displays**

1) Indoor and outdoor units

| Remote controller error code | 7-segment display | Name of inspection | Classification | Page |
|---|---|---|---|---|
| E1 | – | Remote controller communication error | Communication error | 64 |
| E2 | – | Duplicated indoor unit address | Address setting error | 65 |
| E3 | – | Outdoor unit signal line error | Address setting error | 66 |
| E5 | – | Communication error during operation | Communication error | 67 |
| E6 | – | Indoor heat exchanger temperature thermistor anomaly (Thi-R) | Thermistor wire breakage | 68 |
| E7 | – | Indoor return air temperature thermistor anomaly (Thi-A) | Thermistor wire breakage | 69 |
| E9 | – | Drain trouble | System error | 70 |
| E10 | – | Excessive number of indoor units (more than 17 units) by controlling one remote controller | Communication error | 71 |
| E12 | – | Address setting error by mixed setting method | Address setting error | 72 |
| E16 | – | Indoor fan motor anomaly (FDT series) | DC fan motor error | 73 |
| | – | Indoor fan motor anomaly (FDK series) | DC fan motor error | 74 |
| E19 | – | Indoor unit operation check drain motor check mode anomaly | Setting error | 75 |
| E28 | – | Remote controller temperature thermistor anomaly (ThC) | Thermistor wire breakage | 76 |
| E30 | E30 | Unmatch connection of indoor and outdoor unit | System error | 77 |
| E31 | E31 | Duplicated outdoor unit address No. | Address setting error | 78 |
| E32 | E32 | Open L3 Phase on power supply at primary side | Site setting error | 79 |
| E36 | E36-1, 2 | Discharge pipe temperature error (Tho-D1, D2) | System error | 80 |
| | E36-3 | Liquid flooding anomaly | System error | 81 |
| E37 | E37-1, 2<br>E37-4, 5<br>E37-5, 6 | Outdoor heat exchanger temperature thermistor (Tho-R) and subcooling coil temperature thermistor (Tho-SC, -H) anomaly | Thermistor wire breakage | 82 |
| E38 | E38 | Outdoor air temperature thermistor anomaly (Tho-A) | Thermistor wire breakage | 83 |
| E39 | E39-1, 2 | Discharge pipe temperature thermistor anomaly (Tho-D1, D2) | Thermistor wire breakage | 84 |
| E40 | E40 | High pressure anomaly (63H1-1, 2 activated) | System error | 85 |
| E41 (E51) | E41 (E51)-1, 2 | Power transistor overheat | System error | 86 |
| E42 | E42-1, 2 | Current cut (CM1, 2) | System error | 87 |
| E43 | E43-1<br>E43-2 | Excessive number of indoor units connected, excessive total capacity of connection | Site setting error | 88 |
| E45 | E45-1, 2 | Communication error between inverter PCB and outdoor control (PCB) | Communication error | 89 |
| E46 | E46 | Mixed address setting methods coexistent in same network | Address setting error | 90 |
| E48 | E48-1<br>E48-2 | Outdoor DC fan motor anomaly | DC fan motor error | 91 |
| E49 | E49 | Low pressure anomaly | System error | 92 |
| E53/E55 | E53/E55-1, 2 | Suction pipe temperature thermistor anomaly (Tho-S), Under-dome temperature thermistor anomaly (Tho-C1, C2) | Thermistor wire breakage | 93 |
| E54 | E54-1<br>E54-2 | High pressure sensor (PSH)/Low pressure sensor (PSL) anomaly | Thermistor wire breakage | 94 |
| E56 | E56-1, 2 | Power transistor temperature thermistor anomaly (Tho-P1, Tho-P2) | Thermistor wire breakage | 95 |
| E58 | E58 | Anomalous compressor by loss of synchronism | System error | 96 |
| E59 | E59-1, 2 | Compressor startup failure (CM1, 2) | System error | 97 |
| E60 | E60-1, 2 | Rotor position detection failure (CM1, 2) | System error | 98 |
| E61 | E61 | Communication error between the master unit and slave units | System error | 99 |
| E63 | E63 | Emergency stop | Site setting error | 100 |

| Error code | LED | Green | Red | Content |
|---|---|---|---|---|
| Remote controller: E1<br>7-segment display: - | Indoor | Repeflashing | Stays Off | Remote controller communication error |
| | Outdoor | Repeflashing | Stays Off | |

**1.Applicable model**

All models

**2.Error detection method**

When normal communication between remote controller and indoor unit is interrupted for more than 2 minutes. (Detectable only with the remote controller)

**3. Condition of error displayed**

Same as above

**4.Presumable cause**

- Anomalous communication circuit between remote controller and indoor unit
- Noise

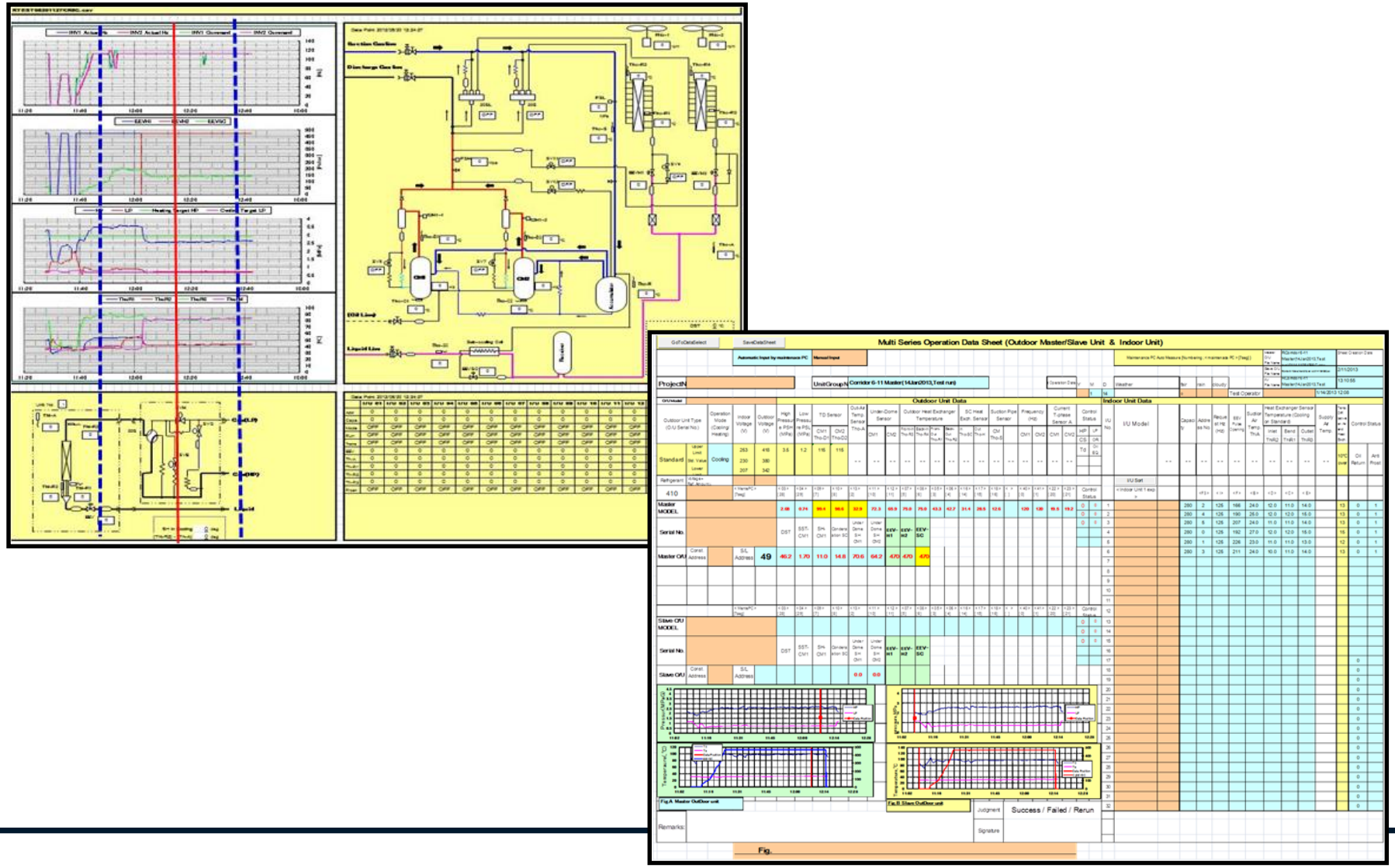
**5.Troubleshooting**

| Diagnosis | Countermeasure |
|---|---|
| (2) Is it possible to reset normally by the power supply reset? — YES → | Malfunction by temporary noise. Check peripheral environment |
| NO ↓ (1) Note(1) SW7-1: OFF → ON<br>Turn SW7-1 OFF → ON<br>Disconnect the wire ② between indoor and outdoor units<br>↓<br>Reset power supply<br>↓ | |
| Does the drain pump start automatically when signals are sent ON? — YES → | Indoor control PCB anomaly → Replace it |
| NO → | Remote controller anomaly → Replace it |

Note(2) Does the remote controller display "Internal check OFF" even after 3 minutes?

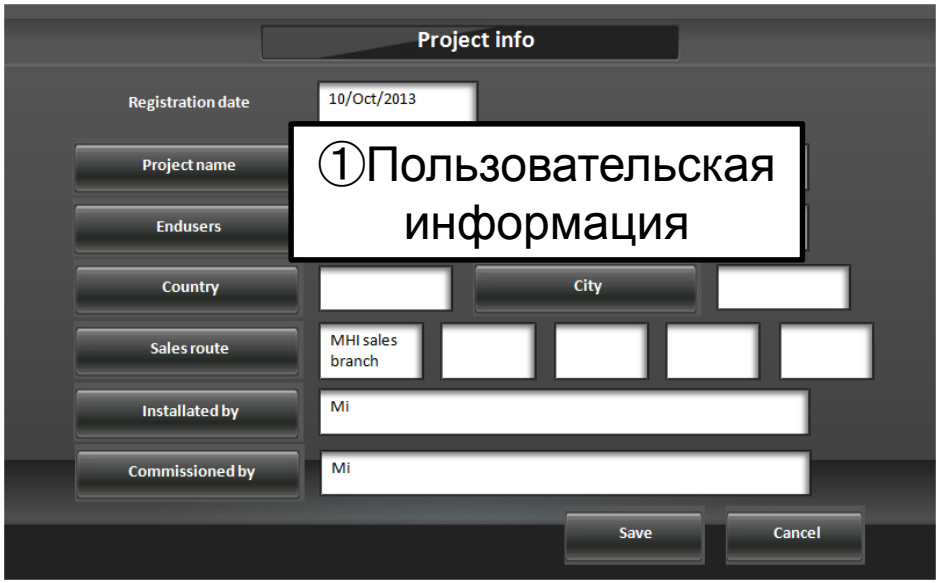
Note: If the indoor unit cannot communicate normally with the remote controller for 180 seconds, the indoor unit PCB starts to reset automatically.

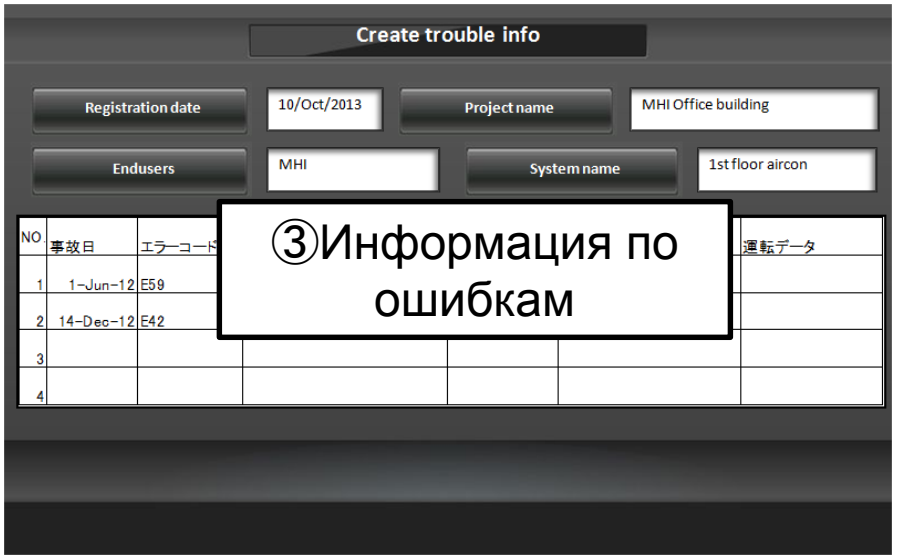
(2) Помощь при пуско-наладочных работах и диагностике неисправностей. Формирование отчетов.

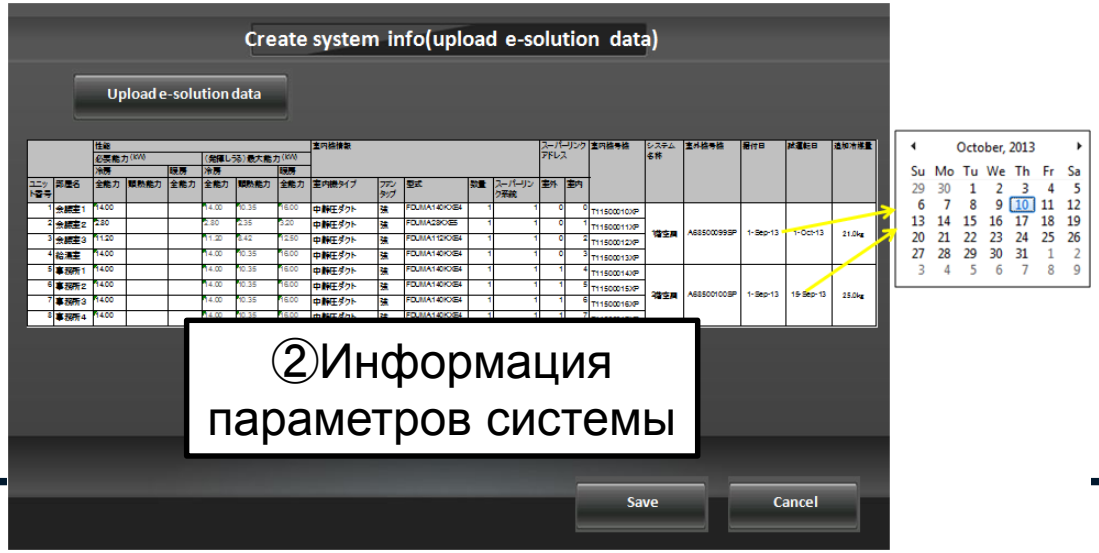


## (3) Другое

### Управление проектной информацией

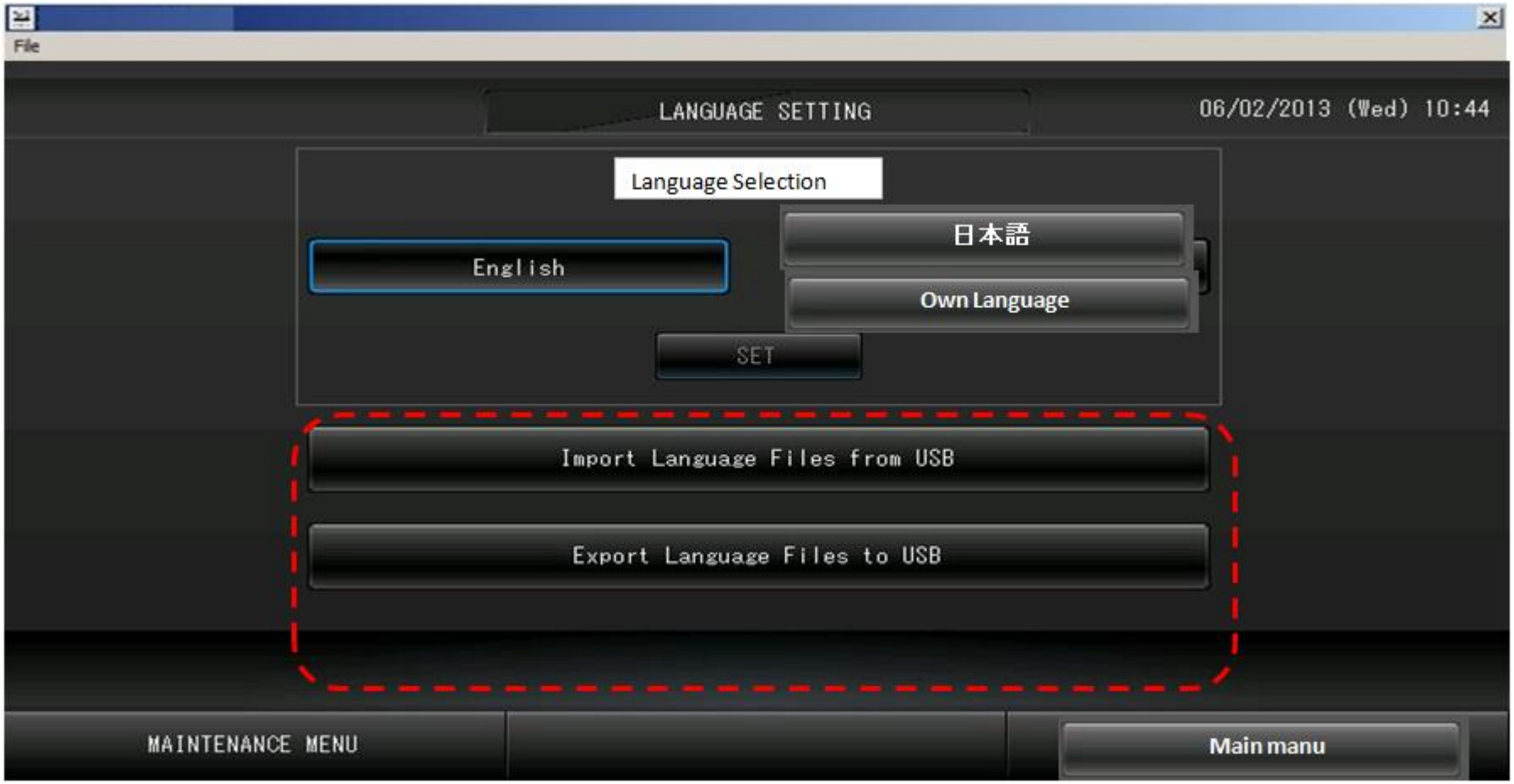


(3) Другое

Мультиязычная поддержка



Спасибо!

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