

## 1. Available firmware, archives and documentation

### Firmware

Mhx file - Standard	Mhx file - China
IL-MRS10-2.6.mhx	IL-MRS10-2.6-C.mhx
IL-MRS11-2.6.mhx	IL-MRS11-2.6-C.mhx
IL-MRS15-2.6.mhx	IL-MRS15-2.6-C.mhx
IL-MRS16-2.6.mhx	IL-MRS16-2.6-C.mhx
IL-AMF20-2.6.mhx	IL-AMF20-2.6-C.mhx
IL-AMF25-2.6.mhx	IL-AMF25-2.6-C.mhx

### Archives

Archives - Standard	Archives - China
MRS10-2.6.aio	MRS10-2.6-C.aio
MRS11-2.6.aio	MRS11-2.6-C.aio
MRS15-2.6.aio	MRS15-2.6-C.aio
MRS16-2.6.aio	MRS16-2.6-C.aio
AMF20-2.6.aio	AMF20-2.6-C.aio
AMF25-2.6.aio	AMF25-2.6-C.aio

### Documentation

PDF files	Description
IL 2.5.1-New features.pdf	New feature list of the previous version
IL 2.5-New features.pdf	New feature list of the previous version
IL-MRS-2.5.pdf	Manual for all InteliLite MRS configurations
IL-AMF-2.5.pdf	Manual for all InteliLite AMF configurations

## 2. Main changes in IL-2.6

### New features (only in IL-AMF25 and IL-AMF25-C)

#### Internal timer for TEST mode

There was a special timer added to the controller. This timer is providing a scheduled TEST duty.

Two parameters were added:

**Test period** – Period of test repetition

Range: 0-240 days

Step: 1 day

**Test duration** – Duration of the Test mode duty (starts after expiration of the Test period)

Range: 0-240 minutes

Step: 1 minute

If both parameters (Test period and Test duration) are set to zero, the timer is disabled. If the controller will be plugged off, reset of the timer will be done and new counting will start after plugging it in. Automatic Test mode will be switched on only if the controller will be in the AUT mode. If the Test period time will elapse and the controller will not be in the Test mode, the controller will wait for switching to the Test mode and starts automatic test then.

If the engine will be started, the timer will be reset.

InteliLite V2.6 – New features / ©ComAp – March 2007 / IL 2.6-New features.pdf

## Repairs

InteliLite was not able to read Run hours from some of ECUs as some of them send the Run hours value only by request of the controller and the IL controller was only waiting for broadcast from ECU. Standard Run hours counter in the controller is disabled when the ECU communication is enabled. So the value of Run hours hanged on the same number.

In version 2.6 (when the ECU is configured) IL regularly sends the request for Run hours.

## 3. Main changes in IL-2.5.1

InteliLite software pack version 2.5.1 is based on previous 2.5 version. There are two IL firmware modifications: IL-2.5.1 (Latin characters) and IL-2.5.1-C (Chinese characters). IL-2.5.1 version is compatible with LiteEdit from version 2.4.

### New features

- **Stop request for Deutz EMR2**  
Stop request command over the CAN bus for Deutz EMR2 was added. It can be used also for Volvo EDCIV unit.

It is necessary that the EMR2 is configured to communicate over the CAN bus and to listen to the Stop command!

## 4. Main changes in IL-2.5

### New features

- **Horn timeout**  
Horn timeout starts again from the beginning if a new alarm appears before previous Horn timeout has elapsed.
- **Starter output and zero RPM**  
*Starter* output stays closed for 5 seconds even if engine speed appears to be zero. If there are no RPM during this time, controller opens *Starter* output, waits for **Engine params:CrnkFail pause** and tries to start again.
- **Internet connection**  
IL controllers can be monitored from InteliMonitor PC tool (part of IGS-NT Installation package) over the Internet using Internet Bridge (IG-IB) connected to the controller RS232 port.
- **EmergStart del setpoint**  
Setpoint range extended to 0 - 6000 seconds.
- **Sd Underspeed**  
Protection evaluation starts 5 seconds after reaching *StartingRPM*.

### New binary input

#### Remote AUT

If the input is active, AUT mode is forced to the controller independently on the position of the MODE selector. If another of „remote“ input is active, then the REMOTE AUT input has the lowest priority.

### New setpoint

InteliLite V2.6 – New features / ©ComAp – March 2007 / IL 2.6-New features.pdf

**Contr. addr (1 .. 32) [-]**

Controller identification number. It is possible to set controller address different from the default value (1) so that more IL controllers can be interconnected (via RS485) and accessed e.g. from Modbus terminal.

Hint:

When opening connection to the controller it's address has to correspond with the setting in PC tool. From LiteEdit it is only possible to connect to controllers with address 1.

**Repairs**

- *Cooling pump* output did not respect correctly **Engine params:AfterCool time**. It used to open before the delay elapsed.
- Reading values over SMS - it was not possible to read communication objects 8205, 8206, 8207, 8539, 9648, 9700-9703 using SMS.
- SPN codes from Volvo EDCIV and Deutz EMR2 were displayed incorrectly in the alarmlist due to different conversion method.
- When the analog inputs PTM were configured (Analog, Pt100, Over) in LiteEdit(2.0 – R:3.9.2004) and name of input was default (empty), this could make continuous watchdog of controller. If the name was filled in, there was not a problem with that.
- NI 100 characteristics - default characteristic for the sensor NI 100 was not correct.