

ERL MAINTENANCE SUPPORT SDN BHD

(Company No. 498574-T)



Effective Railway Operations; Reliable System Maintenance

ROLLING STOCK DEPARTMENT

IN-HOUSE TECHNICAL INSTRUCTION

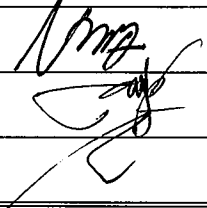
LOADING OF SERVICE SOFTWARE TO LAPTOP

R00.OMR.M92001.BT.0001.B

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Release

Released:	Norazman	RST HOD	07.01.16	
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Amendments or additions to this procedure must be indicated with a vertical black line in the adjacent left margin.

Change Record and Configuration Control

B	06-Jan-16	Updated to new RST Technical Instruction template. All the main contents are remain unchanged	Salehjudin
A	29-Jan-08	New - to supersede the existing procedure (DOCS ref. no. R00.OMR.M12990.BT.0014.A) in order to comply with the current company requirement.	Nor Azman
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1 Purpose

The main purpose of this document is to have a standard process for transferring train Maintenance Tools into the service laptops used in Rolling Stock Department.

2 Scope, Distribution & Access

This document is applicable to all RST personnel. The distribution and access shall be available for all RST and could be viewed and retrieved via EDMS and RST Portal [http://express50/E-MAS_Portal/RST.html]. The hardcopy of this procedure is available in RST foreman room for reference. The full access for editing this document is only granted to RST MGT.

3 Software Installation Guideline

This technical instruction shows the steps of installation for all train Maintenance Tools into the service laptop.

3.1 SIBAS 32 Customer Monitor 2.40 for CCU & TCU

Monitor, Loaders and operating systems for SIBAS 32 Control Units run under Window 98, Window 2000 and Window XP.

To install the software, insert CD in a corresponding Drive and follow the bellow steps.

- Open folder CustMonitor
- Open folder V2.40
- For Windows 98/2000/XP select the command "Run...." Via "Start"
- Enter "setup.exe", press the ENTER key and follow on screen prompts for installation.
- After installation, you will find the Operation Instruction as printable pdf file in directory... \CustMon.2.40\Doc and as online help.

3.2 Auxiliary Converter (SIBMON)

This application was designed to run under Window 98, Window 2000 and Window XP.

To install the software, insert CD in a corresponding drive.

Copy the SIBMON folder (0010244A.sis) on top the Hard – disk by using Windows Explorer, then check below files are completed:

- Folder 000E
- Folder SB_Loader
- Anlage.cfg
- Sibmon.exe (WINMON executable file)
- Sibmon.049 (German language base file)
- Sibmon.061 (English language base file)

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- Sibmon.bin (binary file for SIBMON)
- Sibmon.lid
- Sibmon.spr

Enter "sibmon.exe", press the ENTER key and follow on screen prompts for installation.

The user must now set the operating environment. This occurs by double clicking the appropriate item or by selecting the appropriate items with the tabulator key and confirming with ENTER.

The working directory must be set such that it corresponds to the SIBMON base directory. Then a language must be select; 061 for English or 049 for German.

3.3 Brake System (Brake Control Unit)

This application was designed to run under Windows 98 and Windows XP.

To install the software, insert the CD into the corresponding drive.

Copy the Westinghouse-Brake folder onto the hard disk by using Windows Explorer.

- open folder Westinghouse-Brake
- open folder WBL_MT32_V8.0.

To run the applications, create either a short cut or select RUN from the START menu and then type MT32.EXE (including path information).

The "Start In" or "Working" directory must be the location of the MT32.EXE. application. The main MT32.EXE has a blue and white icon. The MT32 Components have yellow and blue icons to indicate they cannot be run without the main application running.

3.4 Brake System (Wheel Slide Protection)

This application was designed to run under Windows 98 and Windows XP.

To install the software, insert the CD in a corresponding drive. Copy the Westinghouse-Brake folder on to the hard disk by using Windows Explorer. 3 files need to be copy in the C drive from WSP folder:

- Mscomm.vbx
- Threed.vbx
- Vbrun300.dll

Open folder Westinghouse-Brake > open folder WSP > ENTER "Wspserlk.exe", then press the ENTER key and follow on screen prompts for installation.

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3.5 Air – Conditioning System

This application was designed to run under Windows 98.

To install the software, insert the CD in a corresponding drive. Copy the Air conditioning folder on to the hard disk by using Windows Explorer.

- open folder air conditioning
- open folder Pass 1.4
- enter "ISP16.exe", press the ENTER key and follow on screen prompts for installation.

3.6 Door System

This application was designed to run under Windows 98.

To install the software, insert the CD in a corresponding drive. Copy the Doors folder on to the hard disk by using Windows Explorer.

- Open folder Doors
- Open folder DIAG
- Enter the "DIAG-bat", press the ENTER key and follow on screen prompts for installation.

3.7 Toilet System

This application was designed to run under Windows 98.

To install the software, insert the CD in a corresponding drive. Copy the WC folder on to the hard disk by using Windows Explorer.

- Open folder WC
- Enter file "Wc_v26.exe", press the ENTER key
- Follow on screen prompts for installation

4 List of Service Software

1. Central Control Unit (CCU) & Traction Control Unit (TCU)

- Sibas32 Customer Monitor_2.40
 - FW_Loader
 - Firmware (Fw_as318, Fw_gtway, Fw_mvb32)
 - TCN (nsdb)

2. Drivers Display Unit (DDU)

- DDU Version 3.05

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3. Auxiliary Power Converter (APC)

- SIBMON

4. Brake System

- BCU: WBL_MT32_V8.0
- WSP

5. Passenger & Driver Air-Conditioning System

- ISP-HFG

6. Doors System

- IFE-DIAG

7. Toilet System (WC)

- WC_V26

4.1 Back Up Copy of Software

As a back up, all the service software's are saved in seven pieces of compact disc (CD) and named as RST Software. These compact discs (CD) are kept by Quality Management & IT Department, if required the user could contact the undersigned for query.