

----- Transmitted by Estelle Noone/CIV/CSC on 09/02/99 05:40 PM -----

To: wfuller@pop500.gsfc.nasa.gov

Subject: MPS/PM-1 Release 1.1 Delivery Letter

Willie,

We are pleased to deliver Release 1.1 of the ETS Multimode Portable Simulator for PM-1 (MPS/PM-1). This delivery is in response to Discrepancy Report (DR) SMOdr05250. That DR was written when Kevin Klem of Raytheon reported that the telemetry data was being transmitted in fixed length IP packets.

There are three attachments to this letter. The first attachment contains the DR description, the list of source files updated, and the installation instructions. The second attachment contains an updated release history summary matrix. And the third attachment contains an updated Mission Systems Configuration Management (MSCM) form. The updated software modules are being sent to Kevin Klem at Denver as a separate email. The Release 1.1 software has already been installed on the MPS/PM-1 PC unit that was recently delivered and installed into Room S9 of Building 32.

Regards,

Estelle

Attachments:

Attachment A — Release 1.1 Delivery Contents and Build Instruction

Attachment B — Release History Summary Matrix

Attachment C — Mission Systems Configuration Management Form

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## Attachment A - Release 1.1 Delivery Contents and Build Instruction

Some of the MPS/PM-1 source files have been upgraded since the original delivery of Release 1.0. These changes were in response to the Discrepancy Report (DR) described in the following table.

DR Number	Severity	DR Short Description	Comment
ETS0322	2	Transmit IP packets are fixed length	Reported by users

The changed source files are:

Module	Files
IP Client	NeTTIPInputModuleConfig.java, IPInputMessageDefinitions.java, NeTTIPOutputModuleConfig.java, IPOutputMessageDefinitions.java
Logger Client	NeTTLogModuleMVC.java NeTTLogModuleConfig.java LogMessageDefinitions.java
PM-1 Simulator Server	TlmSend.cpp
IP Server	IPDllMain.cpp DllModuleClass.h DllModuleClass.cpp NeTTIPModuleThread.h NeTTIPModuleThread.cpp NeTTIPPacketHandler.h NeTTIPPacketHandler.cpp
Logger Server	NeTTIO.cpp NeTTIO.h NeTTLogModuleThread.h NeTTLogModuleThread.cpp

These files will replace the corresponding files delivered in Release 1.0. There are no new files.

## **Installation Instructions**

The changed files have been compiled and linked into executable modules. These executable files are supplied in the following directory structure in a Zip file. Use Winzip to unzip the file onto the PC's hard drive.

```
\NeTTClient
    IPInputModule.jar
    IOutputModule.jar
    \save
                                PM1.mvc
                                PM1.ser

\NeTTServer
    inputIP.dll
    outputIP.dll
    LogModule.dll
    SCPM1.dll
    \save
                                PM1
```

To install the Release 1.1 files, simply replace the corresponding Release 1.0 files in the directories shown. The root directory is "C:\Program Files\esc".

If it is desired to save the original files, rename them before performing the copies of the new files.

**Attachment B - Release History Summary Matrix**

Attached is the release history summary matrix for SIMSS/PM1 Release 1.1.

### Release History Summary Matrix

SYSTEM:		SIMSS/PM1							
RELEASE NUMBER		1.0	1.1						
DELIVERY DATE		7/30/99	9/2/99						
CONFIGURATION ITEM	CI NO.								
Core (client)	1.1	1.0	1.0						
Core (server)	1.2	1.0	1.0						
SC-PM1 (client)	1.3	1.0	1.0						
SC-PM1 (server)	1.4	1.0	1.0						
GS (client)	1.5	1.0	1.0						
GS (server)	1.6	1.0	1.0						
IP input (client)	1.7	1.0	1.1						
IP input (server)	1.8	1.0	1.1						
IP output (client)	1.9	1.0	1.1						
IP output (server)	2.0	1.0	1.1						

DQM (client)	2.1	*	*						
DQM (server)	2.2	*	*						
Logging (client)	2.3	1.0	1.1						
Logging (server)	2.4	1.0	1.1						

\* To be delivered in a future release

**Attachment C — Mission Systems Configuration Management Form**

This attachment contains the completed Mission Systems Configuration Management (MSCM) form for the delivery of SIMSS/PM1 Release 1.1.

### Mission Systems Configuration Management Form

<u>1. ORIGINATOR</u> Estelle Noone	<u>2. ORGANIZATION</u> CSC	<u>3. PHONE</u> 301-805-3653	<u>4. E-MAIL ADDRESS</u> enoone@csc.com
<u>5. ELEMENT</u> ETS (MPS/PM-1)		<u>6. INSTALLATION PRIORITY</u> Routine	<u>7. TRACKING NUMBER</u> (Assigned by CM Office)
<u>8. SOURCE CHANGE REQUEST(S):</u> ETS MPS/PM-1 (SIMSS/PM1) Engineering Patch Release 1.1		<u>9. APPROVALS</u> Element Manager _____ / / Flight Ops Director _____ / / Operations Manager _____ / /	
<u>10. DELIVERED SYSTEM</u> (Check all that apply)			
	Name	Version	Media Identification
<input type="checkbox"/>	Hardware	_____	via e-mail
<input type="checkbox"/>	Database	_____	_____
<input checked="" type="checkbox"/>	Documentation:		
	MPS/PM1 delivery package	N/A	via e-mail
	_____	_____	_____
	_____	_____	_____
<input type="checkbox"/>	Other	_____	_____
<u>11. CHANGE DESCRIPTION</u> Patch release to satisfy DR SMOdr05250 (ETS0322). _____ _____			
<u>12. ATTACHMENT(S):</u> Check if YES <input checked="" type="checkbox"/> Description: MPS/PM1 (SIMSS/PM1) Release 1.1 delivery package (via e-mail) dated 9/2/99 _____			
<u>13. CM OFFICE USE</u>			
	Location (Bldg/Room)	Slot location(s)	
Hardware	_____ / _____	_____	
Media	_____ / _____	_____	
Documentation	_____ / _____	_____	
Installation date	_____ / _____ / _____	CM Office Signature _____	

Form MSCM (970327)