SAMSUNG Product Bulletin

Samsung Telecommunications America, Inc. will soon begin shipping Starmail systems with new software.

> **This software version is 14.2. It is compatible will all existing Starmail cabinets and port cards. This software MUST be installed with a disk version 3.1 or higher, but will produce best results with a disk version 3.3 or higher (see IMPROVED AGC below).**

The following changes and improvements have been added to software release 14.2:

1. IMPROVED AGC

New DSP code has been added to set CO/ICM receive gain and automatic gain control (AGC). This will improve some of the volume changes that may currently be seen between voice mail messages originating on CO or intercom calls. There is no user input for this. It is completely automatic.

2. NEW MESSAGE WAITING STRINGS

The new default message waiting code strings have pauses added to them. This seams to improve rare reports that message light indications are not being updated correctly. The new strings are:

- ON: 41#1#8#1
- OFF: 42#1#8#1

3. NEW DTMF DURATION

The default DTMF sending duration has been increased from 100 to 130 ms. This is also now a programmable value and may be changed in Function 355.

4. LARGER DEBUG BUFFER SIZE

In some cases troubleshooting requires a debug printout. Unfortunately we found that in very busy systems some of this information could get lost because of a limited buffer size. A larger buffer size has now been implemented to prevent this loss.

SAMSUNG **Product Bulletin**

TITLE: New Starmail Software Version 14.2   BULLETIN NO.: 065-STAR
DATE: November 16, 1998   NO. OF PAGES: 2 of 6
ISSUED BY: Product Department

5. SCREENED TRANSFER OPTION

With previous software we discovered that transfers from a dial branch that were not answered would recall but not always follow the dial branch no answer reroute destination correctly. The only way to positively ensure correct operation is to screen the transfer and make sure the call is answered.

A new Function 314 has been added to select transfers from a dial branch as screened or blind.

6. DTMF SCALE

A new function (360) has been added that will allow users to adjust some DSP values to fine tuning DTMF detection. The function is called DTMF SCALE.

7. GROUP MESSAGE #17

Group mailboxes can only contain 16 messages. In previous versions of software no error message would be played if a user tried to record the 17th message in a group mailbox. This would make the person leaving the message think all was well but in fact the 17th message would never be delivered. Now an error message prevents you from recording more than 16 messages.

8. REPORTS

In previous versions of software, printing reports was not possible for a system administrator. Now the administrator can print the reports using Function 375.

9. NEW PROGRAMMABLE TIMER

A new timer has been added in Function 365 that will determine the delay after the Starmail port answers a call and before playing a greeting.

NEW FUNCTIONS

The following new programming options have been added. Please copy the attached sheets and insert them in your Starmail Technical Manual.