

SCM

System Troubleshooting Reference



Disclaimer

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INTRODUCTION

Purpose

This document introduces troubleshooting guide and describes how to respond.

Audience

This manual provides information for the administrator who is responsible for managing SCM.

Document Content and Organization

This document contains 3 Chapters and an Abbreviation.

Chapter 1. Check points at installation site

This chapter describes SCM, phone and Gateway installation.

Chapter 2. Troubleshooting


This chapter describes how to respond problems with the SCM, phone and GW.


Chapter 3. Feature operation description


This chapter describes operation of SCM, phone and GW.


Conventions

The following types of paragraphs contain special information that must be carefully read and thoroughly understood. Such information may or may not be enclosed in a rectangular box, separating it from the main text, but is always preceded by an icon and/or a bold title.

 WARNING	WARNING Provides information or instructions that the reader should follow in order to avoid personal injury or fatality.
---	---

 CAUTION	CAUTION Provides information or instructions that the reader should follow in order to avoid a service failure or damage to the system.
---	---

 CHECK	CHECKPOINT Provides the operator with checkpoints for stable system operation.
--	--

 NOTE	NOTE Indicates additional information as a reference.
--	---

Console Screen Output

- The lined box with ‘`Courier New`’ font will be used to distinguish between the main content and console output screen text.
- ‘**Courier New**’ font will indicate the value entered by the operator on the console screen.

Revision History

VERSION	DATE OF ISSUE	REMARKS
1.1	08.2013	Updated to SCM Version.4.0 for North America
1.0	12. 2012.	Base document version 3.3

SAFETY CONCERNS

The purpose of the Safety Concerns section is to ensure the safety of users and prevent property damage. Please read this document carefully for proper use.

Symbols

**Caution**

Indication of a general caution

**Restriction**

Indication for prohibiting an action for a product

**Instruction**

Indication for commanding a specifically required action



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TABLE OF CONTENTS

Purpose	I
Audience.....	I
Document Content and Organization	I
Conventions.....	II
Console Screen Output	II
Revision History	II
Safety Concern Symbols	III

CHAPTER 1. Check points when installing SCM at site 1-1

1.1 Things to Inspection when building SCM and experiencing a problem.	1-1
1.2 Check the status of system, GW and phone after installing SCM System	1-1
1.3 SCM Patch Procedure	1-2
1.4 Things to check when call processing problems happens.....	1-2
1.5 How to identify phone version when upgrading through phone rebooting	1-3
1.6 How to identify phone version when upgrading through Model Update	1-3
1.7 How to change SCM component IP of Active/Standby	1-4
1.8 How to set Minimum Call Limit feature	1-4
1.9 How to set the announcement for trunk forward	1-5
1.10 How to set FMC Client Future Feature	1-6
1.11 How to set up SCM with Call Monitoring equipment	1-8
1.13 How to set IP phones using PNP Mode	1-9
1.14 How to set VLAN on IP Phone using PNP Mode	1-12
1.15 Summary of a full Package Upgrade/Downgrade	1-15

CHAPTER 2. Trouble shooting 2-1

2.1 How to fix at GUI when DB redundant sync timeout happens.....	2-1
2.2 How to fix when Voicemail/Attendant/ Conference makes error	2-1
2.3 Verification of basic iBG setting and Debugging	2-2
2.4 Checkpoint - voice path opens late, phone uses TLS makes use of pick-up service.....	2-5

2.5	In case that there is not Predefined Conference menu at CONFERENCE → I	2-6
2.6	The cause of Long Duration call and remedy	2-7
2.7	How to upgrade phone at remote site if connection is unavailable.....	2-8

CHAPTER 3. Feature operation description	3-1
---	------------

3.1	Phone PKG Upgrade Procedure	3-1
3.2	Service operation priority when setting multiple service	3-4
3.3	Each error-specific behavior of the redundant system.....	3-5
3.4	How to set supplementary service using feature code by phone	3-9
3.5	Occupation bandwidth by each media	3-21
3.6	SCM Process Glossary and Description	3-23
3.7	SCM Call Processing Flow	3-33

CHAPTER 1. Check points when installing SCM at site

1.1 Things to Inspect when building SCM and experiencing a problem.

- 1) Inspection VoIP network before building SCM System.
- 2) SCM : Check the SW PKG installing requirement of each server platform and SW PKG version.
- 3) G/W (OS7xxx, iBG Series): Check the compatibility between G/W PKG version and SCM PKG version. (Refer to Version Matrix Table)
- 4) Phone: Check the compatibility between SW PKG version of phone and SCM PKG version. (Refer to Version Matrix Table)

1.2 Check the status of system, gateways and phones after installing SCM System

- 1) Check the status of every SCM process.
- 2) You can check the status of every SCM processes at SCM Web GUI. (Normal, Fail, Alive, Wait)
- 3) When you see SCM Web GUI, Green color means normal status of process and Red color is abnormal.
- 4) Check registration status of GW/phone/SIP trunk.
- 5) Check the license of user, application.

1.3 SCM Patch Procedure

- 1) Stop Standby SCM
- 2) Apply patch to Standby
- 3) Start Standby SCM
- 4) Wait for 5 minutes approximately to complete DB sync between active and standby system. You should wait until you see 'sync complete' message at SCM GUI.
→ System reboot happens if next procedure does before completing DB sync.
- 5) Do Active → Standby switchover
- 6) Also follow a~d procedure

1.4 Things to check when call processing problems happen.

It is necessary that you understand the situation correctly (calling/called number and problem phenomenon and occurrence time) and network status is normal or not.

- 1) In case of the problem of call signaling
 - ① Check call type.
(extension to extension, extension to trunk, trunk to extension etc)
 - ② Catch call signal at SCM Web GUI. You can check signal message using 'Call Trace' in Web GUI. It is necessary that engineer analyze system log if signal message is OK. To analyze call fail, you send the log file of CSB, SASEB and SIPB to engineer.
- 2) In case of the problem of Media
 - ① Check negotiated Media information as signal.
 - ② Check media channel between calling and callee.
 - Capture RTP packets (RTP ethereal) at each side (Calling and Callee side).
And confirm that Tx packet is OK and Rx packet is OK.
 - If Tx packet is not OK, check Tx side. If Rx packet is not OK, check Rx nodes.
(ex: phone, Router, etc).
- 3) In case of the problem with solution (including Solution, 3rd Party, call service etc)
 - ① Check call service setting information and phone registration status.
 - ② Also follow 1), 2) procedure.

1.5 How to identify phone version when upgrading through phone rebooting

- 1 step: After phone reboots, it tries to receive Profile from SCM.
- 2 step: Phone requests PKG Download to SCM. If failed, it retried once again.
- 3 step: Phone starts PKG Upgrade.
- 4 step: Phone reboots for itself.

- 1 step fail: If phone doesn't receive profile, it reboots to old profile.
- 2 step fail: If phone fails upgrade retries one more, it reboots to old version.
- 3 step fail: When phone own problems happen (CRC error, etc) →
It retries infinite rebooting.

There is no way to know directly phone which is being upgraded happen problem by each step.

You can only identify phone upgrade status when you see phone registration information. Phone sends REGISTER method to SCM after completing phone upgrade. At that time you can see phone version through SCM Web GUI.

1.6 How to identify phone version when upgrading through Model Update

- 1 step: Phone requests PKG Download to SCM. If failed, it retries only once more.
- 2 step: Phone starts PKG Upgrade.
- 3 step: Phone reboots itself after completing upgrade.

- 1 step fail: If phone fails upgrade retries once more, then reboots to old version.

1.7 How to change SCM component IP of Active/Standby

In case of changing SCM Component IP while operating

- 1) Connect to Standby System and stop Standby System through Mini-Cli

```
telnet 127.0.0.1 55555
password: samsung*#
```

- 2) Connect to Active System and do 'Change_ip' command through Mini-Cli
- 3) If you enter new IP address to change, SCM server reboots automatically
- 4) Since the reboot of Active is complete, you test Ping and try to connect SCM GUI to new Component IP
- 5) Connect to Standby System and do 'Change_ip' command through Mini-Cli
- 6) Since the reboot of Standby is complete, check DB sync is successful or not You can confirm at GUI event viewer
- 7) Check whether phone, GW and solution with new SCM IP is registered to SCM

1.8 How to set Minimum Call Limit feature

- 1) Set Minimum Call Limit at User Group and Service Group.
- 2) Select call limit at CONFIGURATION → Miscellaneous → System Options → Minimum Call Limit.
- 3) Call limit level of User Group and Service Group operates by difference of call limit level of User Group and Service Group.
 - Minimum Call Limit level < Minimum Call Limit option: All incoming/outgoing are not allowed.
 - Minimum Call Limit level > Minimum Call Limit option: All incoming/outgoing are allowed.
 - Minimum Call Limit level = Minimum Call Limit level option: It depends on Minimum Call Limit option.

1.9 How to set the announcement for trunk forward

- 1) How to set announcement elimination for trunk forward.
Set announcement repeat count for trunk forward to 0.
Confirm whether playing the announcement of 'Call is connecting'.
- 2) How to set repeat count of call forward announcement.
TRUNK path forwarding announcement of the number of iterations is set to the desired value.
Confirm whether the announcement of 'Call is connecting' repeat as many as you have set.
- 3) How to change the announcement file for trunk Call Forwarding.
Move to CONFIGURATION → Announcement → Service Announcement and change ID 1216.
Check the repeat count for trunk call forwarding announcement is over 1.
Confirm whether the announcement for trunk call forwarding repeat as many as you have set.

1.10 How to set FMC Client (Future Feature)

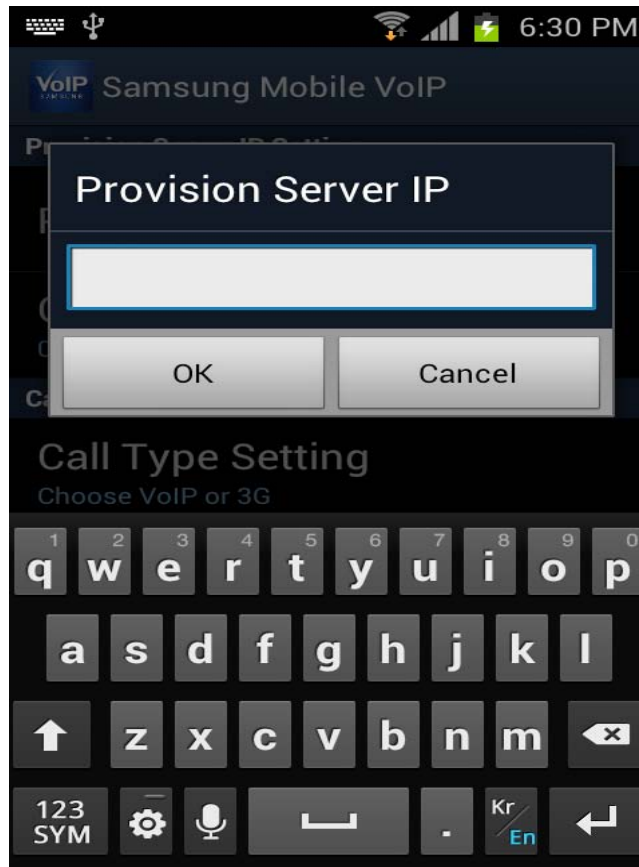
FMC Client interworking with SCM set as follow.



- 1) Install FMC client software on device (ex: Smartphone)
 - ① Install FMC client software on your device.
 - ② When using HTTP, many devices can download FMC client software at the same time.
 - ③ Upload FMC client software to SCM.
/DI/WEBCLI/SMV1401.apk
 - ④ Connect to address below using device web browser.
http://192.168.0.100/SMV1401.apk
* 192.168.0.100: SCM IP Address
 - ⑤ Install downloaded apk file.
In case of SMV1401.apk file not being installed, reinstall SMV1401.apk file after checking as follow CONFIGURATION-Wireless Enterprise-Upgrade Mobile Software-Download Server and file folder.
 - ⑥ Run Samsung Mobile VoIP.
 - ⑦ Set provision server to SCM IP.
 - ⑧ Set mobile number field to your mobile number.

- 2) SCM FMC Client settings
 - ① Create SCM user.
 - ② Set the phone type to created user at CONFIGURATION → User → Single Phone User Samsung-mobile-Phone.
 - ③ Set mobile number to created user at CONFIGURATION → User → Single Phone User.
You can use this feature when you must enter mobile number.
You must enter virtual number if you have not mobile number.
 - ④ Media type must be selected to RTP (means UDP) or AES (means sRTP).
* 1.4.0.1 Pkg doesn't support ARIA until now.
 - ⑤ Select None to Phone authentication method.
 - ⑥ Enter SSID at CONFIGURATION → Wireless Enterprise → Wireless Service Options SSID field is mandatory. Other fields do not need to enter.

* SCM doesn't send profile information to FMC if the SSID of phone is different with stored SSID in SCM

3) FMC Client access



- ① Connect to Wi-fi network.(Both PBX and phone should be able to connect to the network)
Run SMV, Enter IP Value, and touch 'OK'.
- ② If you can see green 'IP' icon  on tray, the smartphone client is registered properly. You can make call or receive call.
- ③ Red 'IP' icon  is displayed on tray if provisioning or registering was failed. You should check network connection to pbx or pbx settings. (ip address, NAT environment, port firewall, or etc)

4) Precaution using FMC Client

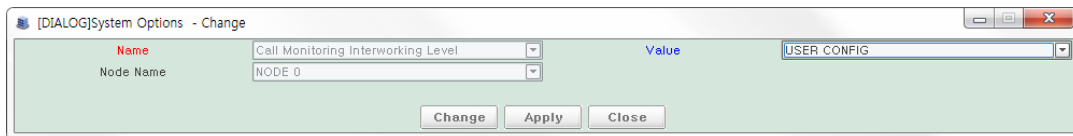
- ① Don't select media type ARIA because FMC client doesn't support ARIA.
- ② SSID to connect from FMC client and SSID stored in the SCM must be same.
- ③ You must set mobile number in User of SCM.
- ④ User number, which is not SCM's extension, must be set to mobile number set at index c.

1.11 How to set up call monitoring equipment.

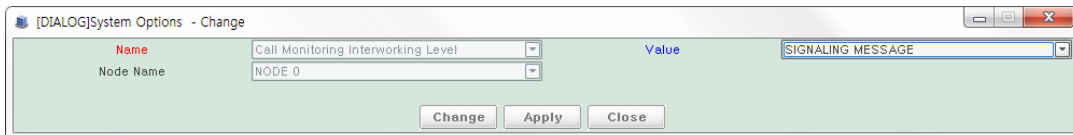
The information below is setup guide of SCM when interworking with monitoring (eavesdropping) equipment at Military Installations.

NOTE: Installation Company must obtain any and all legal approvals prior to implementation of this application.

- 1) Using UDP/sRTP (INI1 interface standard)
Change to 'USER CONFIG' at CONFIGURATION → Miscellaneous → System Options → Call Monitoring Interworking Level.



- 2) Using TLS/sRTP (INI2 interface standard)
Change to 'SIGNALING MESSAGE' at CONFIGURATION → Miscellaneous → System Options → Call Monitoring Interworking Level.



1.13 How to set IP phones using PNP Mode

1) How to set DHCP interface and DHCP Server

```

interface ethernet 0/2
 ip address 60.1.0.1 255.255.255.0
 ip dhcp server
 qos
  exit qos
 no flowcontrol
 exit Ethernet
 ip dhcp
  lease_database file://cf0/dhcps.leases
  pool default
    domain data.scm.com
    dnsserver 8.8.8.8
    network 60.1.0.0 255.255.255.0
    default_router 60.1.0.1
  user_option 43 string "sec,tftp://192.168.1.238" active
  commit
  exit pool
 icmp_check count 1 timeout 250
 enable service
 exit dhcp

```

- IP phone can get IP address from DHCP server which is configured to iBG.
- IP address is assigned to IP phone between 60.1.0.2 and 60.1.0.254 in the above setup

The user_option 43 field must be included in DHCP server. You should set up the IP address that you want to interwork with SCM in user_option 43 string.

Ex) Refer to above configuration

```

user_option 43 string 'sec,tftp://192.168.1.238' active
192.168.1.238 means SCM IP.

```

2) MAC authentication setting at SCM

You should select 'MACAddress' at CONFIGURATION → User → Single Phone User and enter the mac address of phone.

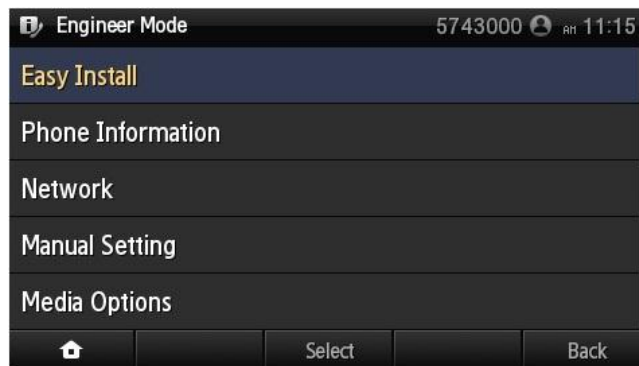
[DIALOG] Single Phone User - Change

User Group	UG2	Service Group	UG2-SG1
Location	UG2-LOC1	Extension Number	4004
Application User ID	4004@ug2.scm.com	Extension Name	4004
Application Password	*****	PIN Number	****
Authentication User ID	4004	Phone Verification	None
Authentication Password	****	MAC Address	
IP Address		Private IP Address	
Profile Login ID	UG24004	Phone Type	Samsung-Desktop-Phone
Profile Login Passcode	****	Language	Korean
Mobile Phone Number		Use Mobile Phone Number	None
Protocol	UDP	Media	RTP
TLS Connection	Normal	Ping Ring Type	None
A-A Primary Node	NODE 0	A-A Dual Registration	Enable
Make Mailbox	Yes	URI Type	SIP
DTMF	RFC2833	RFC2833 DTMF Payload	101
Time Zone	GMT +09:00 Asia/Seoul	Department	
Position		Send CLI Number	
Service Group Local CLI Number		Service Group Local Number	
Restriction Policy		Class of Service	
Gateway Name		Extension Lock	None
LDAP DN Number		Account Code Use	
Auto Answer by Click to Dial	Enable	Accept Login Override	Disable
External Ringback Tone Use	None	MOH Announcement ID	
Display Option	Normal	Send CLI Name	
Call Monitoring	Disable	Send Extension Number	
Use Virtual Ringback	Disable	Caller Ring Type	None
Off Hook Alarm		Check Registration Protocol	Disable
MOH SIP Media Mode	Send Only	Application Server Service Group	
CMS Monitoring	Disable	FMS Zone Name	

Change Apply Close

3) How to set IP Phone

- ① Select Easy Install at Engineer Mode



- ② Select PnP at Configure



- ③ Select 'OFF' at Phone VLAN



- ④ Select 'Off' at 802.1X

1.14 How to set VLAN in IP Phone using PNP Mode

1) How to set DHCP interface and DHCP Server

```
interface ethernet 0/2
  switchport
  bridge-group 1
  switchport mode trunk
  switchport trunk allowed vlan add 20
  switchport trunk native vlan 10
  qos
  exit qos
  no flowcontrol
exit Ethernet
interface vlan vlan1.10
ip address 60.1.0.1 255.255.255.0
qos
  exit qos
exit vlan
interface vlan vlan1.20
ip address 60.1.1.1 255.255.255.0
qos
  exit qos
exit vlan
ip dhcp
  lease_database file://cf0/dhcps.leases
  pool default
    domain default.scm.com
    dnsserver 8.8.8.8
    network 60.1.0.0 255.255.255.0
    default_router 60.1.0.1
  commit
  exit pool
  pool voice
    domain phone.scm.com
    dnsserver 8.8.8.8
    network 60.1.1.0 255.255.255.0
    default_router 60.1.1.1
  user_option 66 string "SEC_ITP" active
  user_option 43 string "sec,tftp://192.168.1.238,vlan-id=20" active
  commit
  exit pool
icmp_check count 1 timeout 250
enable service
exit dhcp
```

- IP phone can get IP address from DHCP server which is configured to iBG.
- IP address is assigned to IP phone between 60.1.1.2 and 60.1.1.254 in the above setup

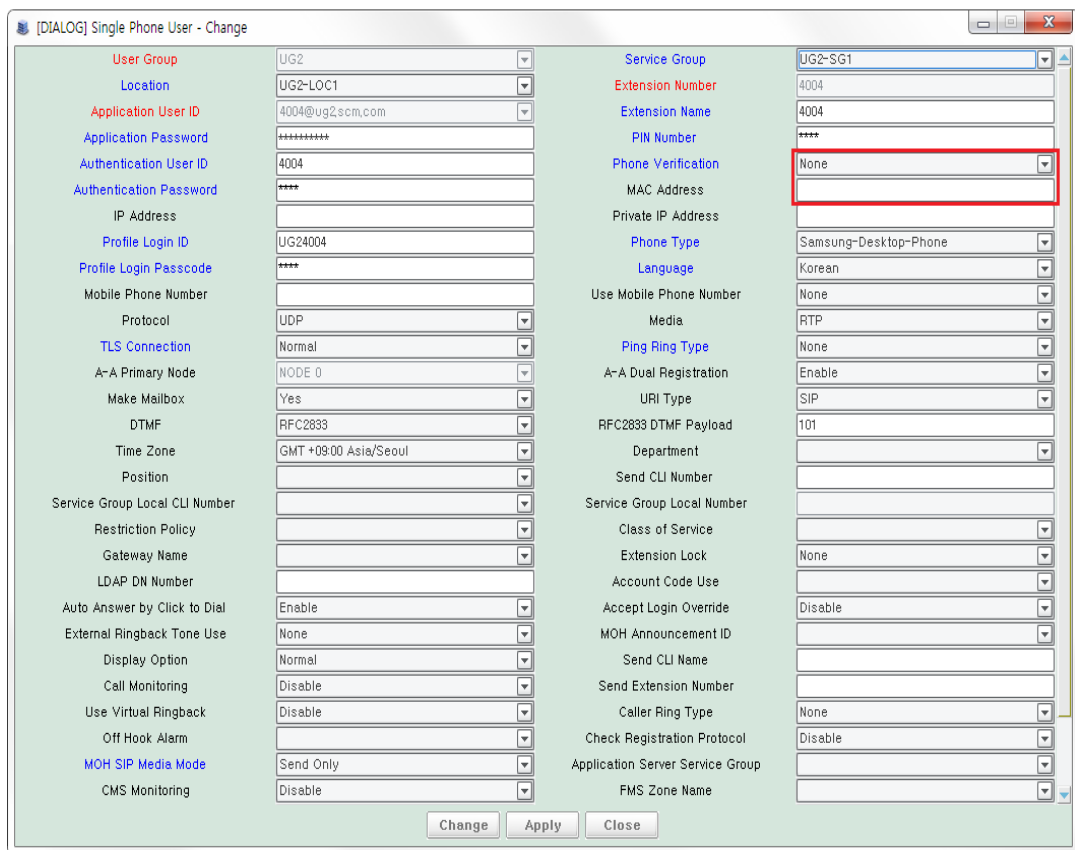
The user_option 43 field must be included in DHCP server. You should set up the IP address that you want to interwork with SCM in user_option 43 string.

Ex) Refer to above configuration

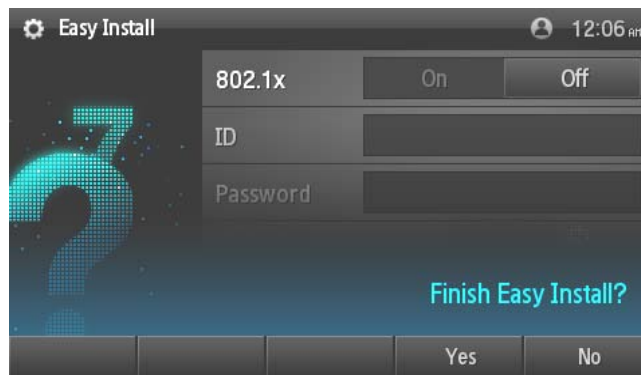
user_option 43 string 'sec,tftp://192.168.1.238, vlan-id=20' active
 192.168.1.238 means SCM IP.

2) How to set MAC authentication at SCM

You should select 'MACAddress' at CONFIGURATION → User → Single Phone User and enter the mac address of phone.



Phone VLAN ID must set to 20 as VLAN server setting.



1.15 Summary of a full Package Upgrade/Downgrade

1) How to upgrade full SCM package

(1) In case of same DB table (There is not service disconnection time)

It is how to upgrade SCM if SCM Database is same between existing and new version and sync is normally running.

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Upgrade Standby SCM (After decompression, execute `./start_upgrade.sh` script)
- ③ After rebooting Standby system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ④ After the completion of DB Sync, switch Active SCM to Standby (PERFORMANCE > System Management > System Switch Over)
- ⑤ Test basic call and check phone registration status
- ⑥ Upgrade Standby SCM (After decompression, execute `./start_upgrade.sh` script)
- ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)

(2) In case of being DB change (Network Separation O-Service disconnection time is less than 5 minutes)

Separate the network of Active and Standby SCM if SCM Database is different between existing and new version. In this case, service disconnection time is approximately 5 minutes or less and network is needed to remove between active and standby SCM. (When performing index of 'g', service disconnection occurs)

- ① Back up current Database (MANAGEMENT > Database > Database Backup)
- ② Stop Standby SCM (using Mini-Cli)
- ③ Separate the network of Standby SCM (Connect all LAN cable of Standby SCM to new switch)
- ④ Upgrade Standby SCM (After decompression, execute `./start_upgrade.sh` script)
- ⑤ After rebooting Standby system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ⑥ After stopping Standby SCM, connect standby SCM to running network
- ⑦ After stopping active SCM, start standby SCM (At this time, service disconnection occurs)
- ⑧ Test basic call and check phone registration status
- ⑨ Upgrade existing Active SCM (After decompression, execute `./start_upgrade.sh` script)
- ⑩ After rebooting existing active SCM automatically, check DB sync complete (See SCM GUI viewer which is located at the lower left)

- (3) In case of being DB change (Network separation X-Service disconnection time is longer than 20 minutes)

It is how to upgrade SCM in case that SCM Database is different between existing and new version. This way is simple but service disconnection time occurs longer than 20 minutes. It is restriction to use this upgrade manner (Service disconnection occurs from 'b' index to 'd' index)

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Stop standby SCM (using Mini-Cli)
- ③ Upgrade active SCM (After decompression, execute ./start_upgrade.sh script)
- ④ After rebooting active system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ⑤ Test basic call and check phone registration status
- ⑥ Upgrade Standby SCM (After decompression, execute ./start_upgrade.sh script)
- ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)

2) How to downgrade full SCM package

- (1) In case of same DB table (There is not service disconnection time)

It is how to downgrade SCM if SCM Database is same between existing and new version and sync is normally running.

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Downgrade Standby SCM
 - i) Decompress previous version package of SCM
 - ii) Execute ./uninstall.sh script (Delete existing package)
 - iii) Execute ./install.sh script (Reinstall previous version)
 - iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung*#)
 - v) DB Restore (db_restore/The location of backup DB file/Backup DB filename)
 - vi) Execute Change IP command
 - vii) Server of SCM automatically reboots
- ③ After standby system is rebooted automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ④ After DB sync finished, switch active to standby (PERFORMANCE > System Management > System Switch Over)
- ⑤ Test basic call and check phone registration status
- ⑥ Repeat from b to d
- ⑦ After rebooting Standby system automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)

- (2) In case of being DB change (Network Separation O - Service disconnection time is less than 5 minutes)

Separate the network of Active and Standby SCM if SCM Database is different between existing and previous version.

In this case, service disconnection time is approximately 5 minutes or less and network is needed to remove between active and standby SCM.

(When performing index of 'g', service disconnection occurs)

- ① Back up current Database (MANAGEMENT > Database > Database Backup)
- ② Stop Standby SCM (using Mini-Cli)
- ③ Separate the network of Standby SCM (Connect all LAN cable of Standby SCM to new switch)
- ④ Downgrade standby SCM
 - i) Decompress previous version package of SCM
 - ii) Execute ./uninstall.sh script (Delete existing SCM package)
 - iii) Execute ./install.sh script (Reinstall previous version)
 - iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung*#)
 - v) DB Restore (db_restore /The location of backup DB file/Backup DB filename)
 - vi) Execute Change IP
 - vii) Server of SCM automatically reboots
- ⑤ After standby system is rebooted automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ⑥ After stopping Standby SCM, connect standby SCM to running network
- ⑦ After stopping active SCM, start standby SCM (At this time, service disconnection occurs)
- ⑧ Repeat same procedure from d to f
- ⑨ After standby system is rebooted automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)

- (3) In case of being DB change (Network separation X-Service disconnection time is longer than 20 minutes)

It is how to downgrade SCM in case that SCM Database is different between existing and previous version. This way is simple but service disconnection time occurs longer than 20 minutes. It is restriction to use this downgrade manner (Service disconnection occurs from 'b' index to 'd' index)

- ① Back up current DB (MANAGEMENT > Database > Database Backup)
- ② Stop standby SCM (using Mini-Cli)
- ③ Downgrade active SCM
 - i) Decompress previous version package of SCM
 - ii) Execute ./uninstall.sh script (Delete existing SCM package)
 - iii) Execute ./install.sh script (Reinstall previous SCM package)

- iv) Connect Mini-Cli (Command: telnet localhost 55555, Password: Samsung*#)

- v) DB Restore (db_restore /The location of backup DB file/Backup DB filename)
- vi) Execute Change IP
- vii) Server of SCM automatically reboots
- ④ After standby system is rebooted automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)
- ⑤ Test basic call and check phone registration status
- ⑥ Repeat c procedure
- ⑦ After standby system is rebooted automatically, check DB Sync complete (See SCM GUI viewer which is located at the lower left)

CHAPTER 2. Trouble shooting

2.1 It is the fixing way at GUI when DB redundant sync timeout happens

- You should check whether the processes of active/standby is normal
If any process is abnormal, execute procedure below after you restart the process
- Click 'Reboot' Icon at PERFORMANCE → System Management → Standby Reboot or restart the system of standby and check DB sync between active and standby SCM. At this time, you can check that Database sync start and Database sync completed message is displayed at Event viewer of SCM GUI

2.2 It is the fixing way when Voicemail/Attendant/Conference makes error

If you hear 'Call failed due to attempt for unregistered service request' announcement

- 1) Voice mail/Auto Attendant: Move Voice mail/Call Recording/Auito Attendant to Service_List at CONFIGURATION → Application → VM/AA Server of SCM GUI
- 2) Conference: Move Paging/Meet-Me Conference/One-Step Conference/Add-On Conference to Service_List at CONFIGURATION → Application → Conference Server of SCM GUI

2.3 Verification of basic iBG setting and Debugging

1) Check ISDN PRI status

```
iBG2006# Show isdn status B030

bundle B030
-----
number of links          30
total bandwidth         NOT For Data

Voice channel Information Follows:
PORT      CH SIG-TYPE  ADMIN OPER IN STATUS      OUT STATUS      EC
===== == =====  =====
0/3/0:0  01 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  02 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  03 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  04 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  05 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  06 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  07 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  08 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  09 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  10 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  11 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  12 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  13 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  14 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  15 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  17 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  18 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  19 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  20 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  21 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  22 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  23 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  24 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  25 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  26 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  27 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  28 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  29 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  30 isdn-pri  up   down out_of_svc    out_of_svc      y
0/3/0:0  31 isdn-pri  up   down out_of_svc    out_of_svc      y
```

```

ISDN Information: B030
-----
caller          -
answer1        -
answer2        -
called-number   -
spid1          -
spid2          -
idle-timeout    5
connect delay   15
keep-alive      10000
disconnect-cause 17
switch-type     primary-euro
side            USR
tei-mode        point-to-point
send-Alerting   true
send-Complete   true

```

B030 is bundle name

Out_of_svc means ISDN Layer 2 is down status

2) ISDN Signaling verification

Debug isdn q931 B020

Debug terminal (In case of using Telnet), Debug console (In case of using console)

3) In case of Server not Ready

If iBG doesn't receive its profile or fails GW authentication, iBG is survivable mode and not ready status.

- ① Verify whether ping test is normal or not to SCM
- ② Check if gw-uri information matches gw name which is set to SCM
- ③ Check if IP-address of call-server is right
- ④ Check if iBG receives profile information normally from SCM
 - show voip profiles

4) In case that iBG can't receive Profile information

You check if iBG receives the allocated user information for iBG through command 'Show voip profile'

- ① If NAT feature is set to iBG, check whether voice nat setting is normal or not
 - Firewall global
 - Voice-nat
 - Voice-nat-port tcp 8088
- ② If iBG can see only SBC, you check whether profile server in iBG is set to SBC. Also call server in iBG must be set to SBC.

Ex) Call-server profile-ip-address ipv4:192.168.1.238

5) In case that PRI call occurs fail

If PRI trunk call does not work well, check as follow

- ① Check ISDN pri link status
 - show isdn status B010
- ② You check if the registration status of ISDN trunk is normal. You can check the registration status at SCM GUI
- ③ If not registered, you check that the trunk routing for ISDN PRI is set normally in SCM.
- ④ You check that the trunk-level for PRI interface is set normally in iBG

2.4 It is checkpoint when voice path opens late, when phone which uses TLS makes use of pick-up service

- 1) If phone use TLS for signal, TLS Connection option must be 'Reuse'
- 2) In case of Single Phone User, change TLS Connection option to 'Reuse' at CONFIGURATION → User → Single Phone User
- 3) In case of Multi-Extension Phone, change TLS Connection option to 'Reuse' at CONFIGURATION → User → Multi-Extension Phone

2.5 In case that there is not Predefined Conference menu at CONFERENCE → Conference Management of SCM GUI

- 1) To use Predefined Conference, Predefined Conference feature code must be set at CONFIGURATION → Service → Feature Service → Feature Code in SCM.
So you can see Predefined Conference menu at CONFERENCE → Conference Management of SCM GUI
- 2) When Pre-defined menu is created, you can create Pre-defined conference in this menu which is CONFERENCE → Conference Management → Pre-defined of SCM GUI

[DIALOG] Pre-defined - Create

Type: Pre-Defined

Group ID: 1000

Owner:

Name:

Description:

Select attendees from subscribers

Phone

User Group	Name	Phone
------------	------	-------

Participant List

Name Phone

User Group	Name	Phone
------------	------	-------

0 / 31

- 3) It is Group ID which is number to call for Pre-defined group. After creating Pre-defined group, you can use Pre-defined service when you make call using Pre-defined feature code + Group ID.

2.6 The cause of Long Duration call and remedy

1) Summary

If there is a long duration call, when you search current call at PERFORMANCE → Call Management.

It summarizes the cause of long duration call and how to remedy the problem.

2) The setting for prevention long duration call

To avoid long duration call leaving, keep SCM settings as follow.

① Select 'Enable' at CONFIGURATION > User Group > Change User Group > Options > Long Duration Call Auto Release

② Input standard time to decide long duration call at CONFIGURATION > User Group > Change User Group > Timers > Long Duration Call Criterion (hour)

Ex) If Long Duration Call Auto Release set 'Enable' and Long Duration Call Criterion set 3 hours, SCM clears automatically the call which is busy for 3 hours or more.

2.7 How to upgrade phone remote site if connection is unavailable

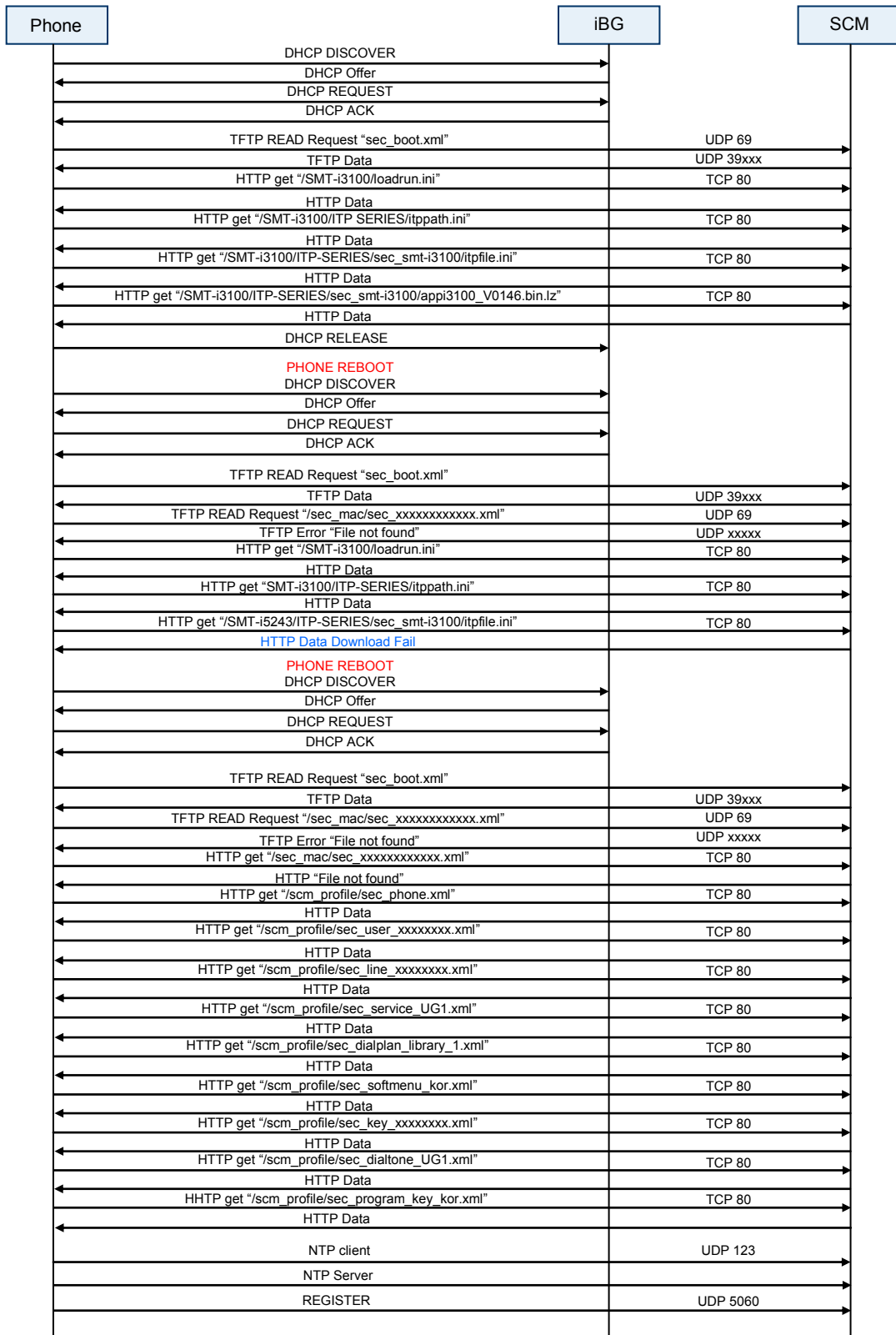
- 1) Prepare USB Memory
- 2) Decompress after downloading file
- 3) Copy SMT-i5243 fold to USB memory. ITP-SERIES fold and rfu.xml must be copied to USB. Tpl file is template file for reference and it has nothing to do with upgrade.
- 4) Plug in USB memory to USB port which is right side of phone.
- 5) Go into engineer mode of phone
Menu → Phone → Phone Information → Input *153# at version window
- 6) Select S/W Upgrade item
- 7) Execute upgrade after choosing Upgrade Type

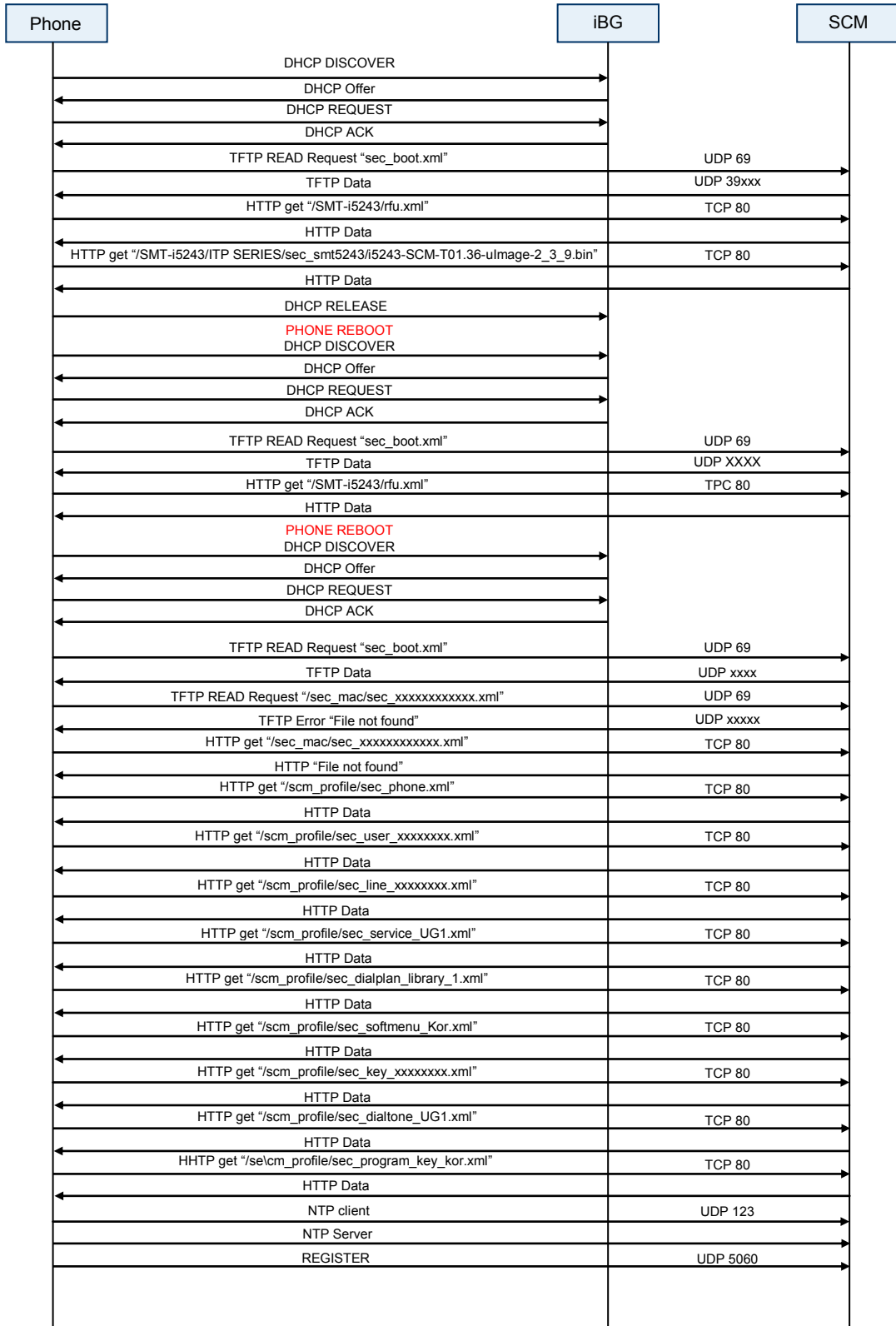
* Phone can be upgraded using TFTP server program such as Pumpkin. Pumpkin program should be installed at PC. But Samsung recommends to upgrade using USB because Pumpkin doesn't support 30 MB or more.

CHAPTER 3. Feature operation description

3.1 Phone PKG Upgrade Procedure

Refer to the procedures below





3.2 Service operation priority when setting multiple service

If the service what you want is not running after setting multiple service to user, check service priority of below table.

1) Rule of priority between services

- ① Personal setting is higher than system setting. (CFA > PCFA, PCFDND, GCF)
(MTR > GCF)
- ② Remote setting is higher than local setting. (RMO, FLM > CFA)
- ③ The service priority for terminating call is the lowest. (ABS, DND)

- Service Priority

RMO > FLM > CFA/CFN/CFUR > MTR > GCF > PCFA/PCFB/PCFN/PCFUR >
ABS > DND > AUTOANS > NORING > PCFDND

2) Service priority table

Refer to appendix file (It is not displayed because data quantity is huge.
So it is appended)



SVC_Priority.xls

3.3 Each error-specific behavior of the redundant system

This data is redundancy behavior by system status when SCM is configured to redundancy.

Previous State			Active System Failure	Result			Remarks
System1	System2	Standby State		System1	System2	Action	
Active	Standby	Normal State	Process error	Standby	Active	Normal Switch over	Require process error criterion additionally
			Long time CPU Overload	Standby	Active	Normal Switch over	Set CONFIGURATION → Miscellaneous → System Options → Switch over by CPU overload to 'ENABLE'
			Memory Alarm	Standby	Active	Normal Switch over	-
			Administrator command	Standby	Active	Normal Switch over	-
			SCM Down	Standby	Active	Normal Switch over	-
			Active Link Down	Standby	Active	Normal Switch over	In case that Both Eth0 and Eth1 are broken
			Heartbeat Link down	Active alone	standby	-	Execute sync again if Eth2 is up/down
		Standby DMB down	Active	Standby	-	System2 restarts instantly	
		Data synchronization	Process error	Active	Standby	Switch over exception	In case that any process of SCM is not data synchronization complete, System2 restarts instantly

(Continued)

Previous State			Active System Failure	Result			Remarks
System1	System2	Standby State		System1	System2	Action	
Active	Standby	Data synchronization	Long time CPU Overload	Active	Standby	Switch over exception	Execute switch over after completing Data synchronization
			Memory Alarm	Active	Standby	Switch over exception	-
			Administrator command	Active	Standby	Switch over exception	Execute switch over after completing Data synchronization
			SCM Down	Down	Rebooting	-	System2 restarts instantly.
			Heartbeat Link down	Active alone	Rebooting	-	Execute rebooting if Eth2 is up/down
			Active Link Down	Standby Alone	Rebooting	-	System2 restarts instantly.
		Data synchronization timeout	Process error	Active	Standby	Switch over exception	In case that any process of SCM is not data synchronization complete, System2 restarts instantly
			Long time CPU Overload	Active	Standby	Switch over exception	-
			Memory Alarm	Active	Standby	Switch over exception	-
			Administrator command	Active	Standby	Switch over exception	-
			SCM Down	Down	Rebooting	-	System2 restarts instantly
			Active Link Down	Standby Alone	Rebooting	-	System2 restarts instantly

(Continued)

Previous State			Active System Failure	Result			Remarks
System1	System2	Standby State		System1	System2	Action	
Active	Standby	Critical/Major Process Down	Process error	Active	Standby	Switch over exception	Active process restarts
			Long time CPU Overload	Active	Standby	Switch over exception	-
			Memory Alarm	Active	Standby	Switch over exception	-
			Administrator command	Active	Standby	Switch over exception	In case of switch over by administrator command, the switch over does not occur if a process of Standby system is down regardless of process grade (Critical/Major/Minor)
			SCM Down	Down	Rebooting	-	System2 restarts instantly
			Active Link Down	Standby Alone	Rebooting	-	System2 restarts instantly
Active Alone	Standby Alone	-	Process error	Active Alone	Standby Alone	-	Each process restarts
-	-	-	Long time CPU Overload	Active Alone	Standby Alone	-	-
-	-	-	Memory Alarm	Active Alone	Standby Alone	-	-
-	-	-	Administrator command	Active Alone	Standby Alone	-	-

(Continued)

Previous State			Active System Failure	Result			Remarks
System1	System2	Standby State		System1	System2	Action	
-	-	-	SCM Down	Down	Standby Alone	-	Operator action
-	-	-	Active Link Down	Standby Alone	Standby Alone	-	Operator action
Active Alone	Standby Down	-	Process error	Active Alone	Down	-	Each process restarts
-	-	-	Long time CPU Overload	Active Alone	Down	-	-
-	-	-	Memory Alarm	Active Alone	Down	-	-
-	-	-	Administrator command	Active Alone	Down	-	-
-	-	-	SCM Down	Down	Down	-	Operator action
-	-	-	Active Link Down	Standby Alone	Down	-	Operator action

3.4 How to set supplementary service using feature code by phone

Service Type	Feature Code Digit	Request type	Description
ACD Agent Break-Cancel	*510	FC	This feature code requests for unsetting of an ACD agent's break status. (Agent must be Logged in ACD Group)
ACD Agent Break-Set	*511	FC	This feature code requests for setting of an ACD agent's break status. (Agent must be Logged in ACD Group)
ACD Agent Login-Login	*501	FC + Agent ID + Agent PW + ACD Group Num (Optional)	This feature code requests for an ACD agent's login of an ACD group. - Agent ID: CONFIGURATION > Application > ACD > ACD Agent > Agent ID - Agent PW: CONFIGURATION > Application > ACD > ACD Agent > Password - Agent Group Num: CONFIGURATION > Application > ACD > ACD Group > Group Number
ACD Agent Login-Logout	*500	FC + Agent PW + ACD Group Num (Optional)	This feature code requests for an ACD agent's logout of an ACD group. - Agent PW: CONFIGURATION > Application > ACD > ACD Agent > Password - Agent Group Num: CONFIGURATION > Application > ACD > ACD Group > Group Number
ACD Agent Wrap-Up-Cancel	*520	FC	This feature code requests for unsetting of an ACD agent's wrap-up status after an agent call.
ACD Agent Wrap-Up-Set	*521	FC	This feature code requests for setting of an ACD agent's wrap-up status after an agent call.
AME Enable-Cancel	*210	FC	This feature code disables answering machine emulation.
AME Enable-Set	*211	FC	This feature code enables answering machine emulation. If the service is enabled, when there is an incoming call, the caller's voice is heard over the speaker as the caller leaves a voice message.

(Continued)

Service Type	Feature Code Digit	Request type	Description
AME Mode-Start	*201	N/A	This feature code, when there is an incoming call, directs the call to answering machine while ringing, or stops answering machine recording of a call and directs the call to the user.
AME Mode-Stop	*200	N/A	This feature code, when there is an incoming call, directs the call to answering machine while ringing, or stops answering machine recording of a call and directs the call to the user.
Absence-Cancel	*410	FC	This feature code requests for cancelation of the absence service.
Absence-Set	*411	FC	This feature code requests for registration of the absence service. If the service is enabled, when there is an incoming call, the absent announcement is played for the caller and the call is terminated.
All Feature Clear	*99	FC	This feature code requests resetting of all features assigned to your number. Call Forward, DND, Absence, Extension Lock, etc. will be cleared.
Attendant Continuous Call	*73	N/A	This feature code is used for requesting a service which allows a call transferred by an IP attendant to be redirected to the IP attendant after called party hangs up the phone.
Auto Answer Mode-Cancel	*430	FC	This feature code requests for cancelation of a service which automatically connects incoming calls in speaker mode.
Auto Answer Mode-Set	*431	FC	This feature code requests for registration of a service which automatically connects incoming calls in speaker mode.
Auto Retry-Cancel	*170	FC	This feature code is used for canceling auto redials.
Auto Retry-Set	*171	FC + Dst. Number for Outbound Call	This feature code is used for requesting auto redials. If the service is used when the number you dialed is busy, the number is automatically redialed repeatedly.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Barge-In with Tone	*23	FC + Extension #	This feature code is used for requesting the barge-in service. If the service is used when the other person is engaged in a call, a three-way call is established.
Barge-In without Tone	*24	FC + Extension #	This feature code is used for requesting the barge-in without tone service. If the service is used when the other person is engaged in a call, a three-way call is established but your voice is muted.
Call Forward All-Cancel	*610	FC	This feature code is used for requesting cancelation
Call Forward All-Set	*611	FC + <CF Number>	This feature code is used for requesting registration of a service which forwards all incoming calls to another number.
Call Forward Busy-Cancel	*620	FC	This feature code is used for requesting cancelation of a service which forwards incoming calls to another number when busy.
Call Forward Busy-Set	*621	FC + <CF Number>	This feature code is used for requesting registration of a service which forwards incoming calls to another number when busy.
Call Forward Busy/NoAnswer-Cancel	*640	FC	This feature code is used for requesting cancelation of Call Forward Busy and Call Forward No Answer simultaneously.
Call Forward Busy/NoAnswer-Set	*641	FC + <CF Number>	This feature code is used for requesting registration of Call Forward Busy and Call Forward No Answer simultaneously.
Call Forward Clear All	*60	FC	This feature code is used for requesting cancelation of all call forward services configured for your number.
Call Forward No Answer-Cancel	*630	FC	This feature code is used for requesting cancelation of a service which forwards incoming calls to another number when not answered.
Call Forward No Answer-Set	*631	FC + <CF Number>	This feature code is used for requesting registration of a service which forwards incoming calls to another number when not answered.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Call Forward Unreachable-Cancel	*660	FC	This feature code is used for requesting cancelation of a service which forwards incoming calls to another number if the phone being called is not registered or otherwise unavailable.
Call Forward Unreachable-Set	*661	FC + <CF Number>	This feature code is used for requesting registration of a service which forwards incoming calls to another number if the phone being called is not registered or otherwise unavailable.
Call Intercept	*72	N/A	This feature code is used for an user intercept a call after barged-in.
Call Park Extension	*11	FC FC + Extension Number	This feature code is used for requesting parking of the current call for an extension number. If you dial the feature code without an extension number, the call will be parked for your number.
Call Park Orbit	*10	FC + Orbit Number	This feature code is used for requesting parking of the current call for an orbit park ID.
Call Recording	*22	N/A	This feature code is used for requesting recording of the current call conversation in voice mail.
Call Waiting-Cancel	*180	FC	This feature code is used for requesting cancelation of a service which allows you to wait for the called party when the number you dialed is busy.
Call Waiting-Set	*181	FC	This feature code is used for requesting registration of a service which allows you to wait for the called party when the number you dialed is busy.
Callback-Cancel	*160	FC (+ Extension #)	This feature code is used for requesting registration of the callback service. If the service is used when the number you dialed is busy, your phone will ring when the other person finishes the previous call. Answering the phone automatically redials the number.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Callback-Set	*161	FC + Extension #	This feature code is used for requesting registration of the callback service. If the service is used when the number you dialed is busy, your phone will ring when the other person finishes the previous call. Answering the phone automatically redials the number.
Change Language	*34	FC + Language	This feature code is used for requesting change of the language used for your number. - Language: 0: Korean, 1: English
Change Password	*33	FC + Old PIN + New PIN + New PIN	This feature code is used for requesting change of the password used for your number. EX) *33+0000+1111+1111
Conference	*89	FC	This feature code is used for requesting a conference call.
Conference on Answer	*81	FC + Extension #	This feature code is used for requesting a service which immediately starts a three-way conference call when answered by the called party during a call.
DND-Cancel	*400	FC	This feature code is used for requesting for cancelation of the DND service. If the service is enabled, when there is an incoming call, the DND announcement is played for the caller and the call is terminated.
DND-Set	*401	FC	This feature code is used for requesting for registration of the DND service. If the service is enabled, when there is an incoming call, the DND announcement is played for the caller and the call is terminated.
DND Override	*25	FC + DND Override target number	This feature code is used for requesting the DND override service. If the service used when the number you dialed is in DND mode, the DND setting is ignored and the call is made.
Direct Call Pickup	*0	FC + Extension Number	This feature code is used for requesting a service which allows you to dial into another number and answer its incoming call when the phone is ringing.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Dispatch Conference	-	N/A	This feature code is used for making conference by using CSTA application. It calls multiple members at once.
Extended Alarm Reminder-Cancel	-	FC + Alarm Index (1-4)	One subscriber can have multiple wakeup calls by using this feature code. This feature is aimed to support hotel services. This feature code is used for requesting for service cancelation
Extended Alarm Reminder-Set	-	FC + Alarm Index (1-4) + Alarm Ring Type (1-2) + (MMDD)HHMM	One subscriber can have multiple wakeup calls by using this feature code. This feature is aimed to support hotel services. This feature code is used for requesting for service registration
FXS Call Waiting Disable	*78	-	This feature code is used for disabling call waiting during a call on a gateway FXS phone.
FXS Last Member Drop	*76	-	This feature code is used for requesting deletion of the last joined attendee of a conference call on a gateway FXS phone.
FXS Make Call with CW Disable	*79	-	This feature code is used for disabling call waiting during a call which was dialed from a gateway FXS phone.
FXS Make Conference Call	*77	-	This feature code is used for requesting a conference call during a call on a gateway FXS phone.
Follow Me-Cancel	*670	FC + PIN Number + <CF Number>	This feature code is used for requesting cancelation of a service which allows you to use another phone to answer incoming calls for your phone. PIN Number: CONFIGURATION > User > XXX User > PIN Number
Follow Me-Set	*671	FC + PIN Number + <CF Number>	This feature code is used for requesting registration of a service which allows you to use another phone to answer incoming calls for your phone. PIN Number: CONFIGURATION > User > XXX User > PIN Number
Forced Call Release	*75	N/A	This feature code is used for an user release the call by force after barged-in.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Group Call Forward-Cancel	*680	FC	This feature code is used to deactivate the forwarding feature of a Call Forward Group.
Group Call Forward-Set	*681	FC + <CF Number>	This feature code is used to activate the forwarding feature of a Call Forward Group.
Group Call Pickup	**	FC FC + Pickup Group Number	This feature code is used for requesting a service which allows you to dial into the Pickup group number of another number and answer its incoming call when the phone is ringing. If you dial the feature code without a Pickup group number, the call currently ringing for the Pickup group will be answered.
Hotel COS Change	-	FC + Hotel COS (00-99)	This feature code is used for changing COS of a room phone. It is aimed to support hotel services.
Hotel Service	-	FC	This feature code is used for changing status of room. It is aimed to support hotel services.
Hotel Staff Locate	-	FC + Hotel Staff	This feature code is used for informing the location of staff. It is aimed to support hotel services.
In/Out of Hunt Group-In	*531	FC	This feature code requests for login for a hunt group. When there is an incoming call for the hunt group, the logged out members are excluded when determining the called party.
In/Out of Hunt Group-Out	*530	FC	This feature code requests for logout for a hunt group. When there is an incoming call for the hunt group, the logged out members are excluded when determining the called party.
Individual Speed Dial-Call	-	FC + ISC ID	This feature code is used for support speed dial per subscribers.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Individual Speed Number-Delete	-	FC + ISC ID	This feature code is used to delete an Individual Speed Dial number.
Individual Speed Number-Insert	-	FC + ISD ID + ISC Number	This feature code is used to add an Individual Speed Dial number.
Intercom	*30	FC + Extension	This feature code requests for the intercom service which allows one-touch dialing and automatic answering of calls between the numbers registered with the intercom feature, such as executives and secretaries.
Intercom Conference	-	FC + Group Number	If user dial this feature code and hunt group number, caller and hunt group members can join conference. And the hunt group members answer automatically.
Last Incoming Redial	*32	FC	This feature code requests for redialing of the last incoming call's CLI number.
Last Outgoing Redial	*31	FC	This feature code requests for redialing of the last dialed number.
Malicious Call Trace	*26	N/A	This feature code is used for requesting the malicious call trace service. If the service is used when there is a malicious call or an otherwise unwanted call, signaling will remain connected even if the caller has hung up the phone, so that the caller can be traced.
Meet Me Conference Join	*82	FC + Meetme ID	This feature code is used for participating in a meet me conference, which is set up by reserving the time and channel of the conference and joined by calling into the conference room at the conference time.
Mobile Pickup	*14	FC	This feature code is used for requesting the MOBEX on desk pick up service. If the service is enabled, when the office phone and the mobile phone ring simultaneously by the multi-ring feature, you can answer the call on the mobile phone and then continue the call on the office phone.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Move to Mobile	*19	N/A	This feature code is used for moving the call on the desk phone to mobile phone.
Multi-Device Conference	-	N/A	Even if one multi-device already joined a conference, the other multi-device using same number can also join the same conference. This feature code is used for supporting it.
Multi-Ring Enable-Cancel	*460	FC	This feature code cancels the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.
Multi-Ring Enable-Set	*461	FC + PIN Number of User	This feature code registers the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.
Multi-Ring Member-Delete	*470	FC + Member Number	This feature code requests removing of members to/from the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.
Multi-Ring Member-Insert	*471	FC + Member Number	This feature code requests adding of members to/from the multi-ring service. If the service is enabled, when there is an incoming call, multiple phones ring so that one of the phones can be used to answer the call.
No Ring-Cancel	*440	FC	This feature code requests for cancelation of the no ring service. If the service is enabled, when there is an incoming call, the phone does not ring but the call can be answered.
No Ring-Set	*441	FC	This feature code requests for registration of the no ring service. If the service is enabled, when there is an incoming call, the phone does not ring but the call can be answered.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Outbound Call Lock-Cancel	*420	FC + PIN Number	If this feature code is set, system does not let user make an outgoing call. This feature code requests for cancelation of the no ring service. - PIN Number: CONFIGURATION > User > XXX User > PIN Number
Outbound Call Lock-Set	*421	FC + PIN Number	If this feature code is set, system does not let user make an outgoing call. This feature code requests for registration of the no ring service. - PIN Number: CONFIGURATION > User > XXX User > PIN Number
Paging On Answer		FC + Group Number	This feature code creates Paging On Answer conference.
Parked Call Retrieve	*12	FC FC + Parked Number	This feature code is used for picking up a call parked for the extension number or the orbit park ID.
Predefined Conference	-	FC (+ Predefined ID)	This feature code is used for paging all the members registered in the conference system simultaneously for a conference.
Predefined Text Message	-	FC + Message ID (2 Digit) + Dest Num	If users want to send text messages set by the administrator, user should dial this feature code with destination number. - Message ID: CONFIGURATION > Service > Predefined Text Message > Message ID - Dest Num: Destination number
Progressive Conference	-	FC	This feature code is used for entering numbers of multiple members in the conference system and then paging them simultaneously for a conference.
Remote Extension Lock	*71	Remote Extension Set FC + Room Number + FC	This feature code is used for an IP attendant to set incoming/outgoing call lock for another extension number.
Remote Extension Set	*70	FC + Extension	This feature code is used for an IP attendant to set features for another extension number.
Remote Office-Cancel	-	FC	This feature code is used to deactivate the Remote Office feature.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Remote Office-Set	-	FC + <CF Number>	This feature code is used to activate the Remote Office feature.
Ring Plan Override-Cancel	-	FC	This feature code is used to override time-based auto ring plan manually. This feature code is used to deactivate the Remote Office feature.
Ring Plan Override-Set	-	FC + Ring Plan ID	This feature code is used to override time-based auto ring plan manually. This feature code is used to activate the Remote Office feature. Ring Plan ID: 1~15
Shared Call Retrieve	*15	N/A	This feature code is used for picking up a call parked for another phone when using multi-device.
Station Paging	*55	FC + Group Number	This feature code is used for requesting an extension announcement service.
Temporary CID Restriction	*35	FC + 전화번호	If used when making a phone call, your number is not displayed in the called party's phone.
VM Access	*88	FC	This feature code is used for dialing to access the voice mail system.
VM Administration	*86	FC	This feature code is used for accessing the voice mail system and changing it settings.
VM Memo	#	FC	This feature code is used for accessing the voice mail system and leaving a message for another number or in your own mailbox.
VM Message	*85	FC	This feature code is used for accessing the voice mail system and listening to messages in your mailbox.
VM Transfer	*87	N/A	This feature code is used for directing the current call to the voice mail system and connecting it the mailbox for another number.

(Continued)

Service Type	Feature Code Digit	Request type	Description
Voluntary Account Code	*36	N/A	When a trunk call is made from a phone set with voluntary account code input, you can press the account code button and enter an account code when outbound call connected.
Wake-Up Call-Cancel	*450	FC	This feature code requests for cancelation of the wake-up call service, which, if set with a time, an alarm will ring at the set time.
Wake-Up Call-Set	*451	FC + Alarm Ring Type (1-2) + (MMDD)HHMM	This feature code requests for registration of the wake-up call service, which, if set with a time, an alarm will ring at the set time.

3.5 Occupation bandwidth by each media

This information displays occupation bandwidth per media type. It is sampling data, packet size can be changed depending on the contents of the message.

Division		INVITE (Bytes) Approximation	Bandwidth per RTP packet (bytes/20 ms)		Remarks
			Voice	H.263	
Voice Call	RTP-G711	1083	214	N/A	Voice only
	RTP-G729	1083	74		
	sRTP-AES (G711)	1083	224		
	sRTP-AES (G729)	1083	84		
	sRTP-ARIA128 (G711)	1083	224		
	sRTP-ARIA128 (G729)	1083	84		
	sRTP-ARIA192 (G711)	1083	224		
	sRTP-ARIA192 (G729)	1083	84		
Video Call	RTP-G711	1331	214	1342	Voice/Video
	RTP-G729	1331	74	1342	
	sRTP-AES (G711)	1500	224	1342	
	sRTP-AES (G729)	1116	84	1342	
	sRTP-ARIA128 (G711)	1502	224	1342	
	sRTP-ARIA128 (G729)	1503	84	1342	
	sRTP-ARIA192 (G711)	1503	224	1342	
	sRTP-ARIA192 (G729)	1503	84	1342	

- Voice call per 1 sec occupies 1070 bytes (214 bytes \times 50 packet, Based on G711). The bandwidth is occupied by simultaneous call proportionally.
- Video call per 1 sec occupies 77800 bytes ((214 + 1342)*50 packet, Based on G711). The bandwidth is occupied by simultaneous call proportionally.

3.6 SCM Process Glossary and description

System	Sub System	Block	Full Name	Level	Description
-	-	-	Application Layer	-	-
CM		-	Call Manager System	-	-
-	HMS		Human & Machine Subsystem	-	-
-	-	HGSB	HMS GUI Server Block	Critical	This block supports interface with SCM Admin.
-	-	COMIB	Common Interface Block	Critical	This block manages TCP session connecting with SCM Admin
-	-	GPSIB	GUI & Proxy Stream Interface Block	Critical	This block analyzes the command of input message by COMIB and HGSB. Also it checks basic error. This block transfers the command processed successfully to GPSIB of Standby system at redundancy environment. So it is responsible for Data Hot-Sync.
-	-	PWPIB	Personal Web Page Interface Block	Normal	This block transfers messages between Web server for Personal Web Page and DMB.
-	SMS		System Management Subsystem	-	-
-	-	PLSMB	Process Loading & Management Block	-	PLSMB manages function blocks of SCM. Upon system bootup, it loads blocks and periodically monitors block status to restart it upon abnormal termination. It executes operator's block start, termination, query request, and executes block's version query request.
-	-	RMB	Resource Management Block	Normal	RMB periodically monitors system resource of SCM and records system resource status in local file. Main resource information monitored by RMB is described below and details are described in the low-level design.

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	-	LOGB	Log Block	Normal	LOGB gathers log of each process of SCM and records it in local file in Syslog. SCM divides log levels into INFO, WARN, MIN, MAJ, CRI, DEB0, DEB1, DEB2, and DEB3. SCM provides two log files by block, and Log File Name is in type of 'Block Name.log' and 'BlockName.log.old'. The SCM block records log in BlockName.log, and if size of BlockName.log exceeds logsize set to Log Configuration, File Name is changed to 'BlockName.log.old'. If existing 'BlockName.log.old:' File resides, this is deleted. LOGB converts such received log as described above from SCM block into Syslog and creates a Local File
-	-	ACLB	Access Control List Block	Normal	ACLB has the feature for allowance/block of IP which is set to ACL list. ACLB is set by administrator or manages the ACL list for access blocking detected by SIPB.
-	-	ISCPB	Inter System Call Protocol Block	Critical	The module for transmitting/receiving data between Active and Active SCM
-	OAMS		Operation & Assistance & Management Subsystem	-	-
-	-	AFMB	Alarm Fault Management Block	Normal	AFMB gathers alarm, fault, status information generated from SCM, records history information and alarm generation list (unclear alarm) in database and shared memory and reports the generation of alarm, fault, and status to the operator through WebGUI. In addition, it deletes and retrieves history information by man-machine interface.

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	-	DMB	Database Management Block	Major	DMB manages data shared by SCM blocks using database and shared memory. It checks the dependency between existing data and input data. It loads stored data in DBMS to shared memory. It loads all data to shared memory when booting up system.
-	-	PDMB	Provision Data Management Block	Normal	PDMB sends Provision Data (DN, IP Address, Supplementary Service Data, etc.) of terminal, and changes service data of SCM terminal by the request of terminal.
-	-	STMB	Statistics Management Block	Normal	STMB calculates, controls, stores and deletes data on calls generated from the system.
-	-	CMB	Call Management Block	Normal	CMB displays and terminates calls by operator's request regarding calls generated from system and displays call trace data in operator's screen
-	-	DBMB	DB Backup Block	Normal	DBMB provides function to retrieve the database space which is currently used, and the function to back up the database.
-	-	SNMPAB	SNMP Agent Block	Normal	SNMPAB is SNMP Agent supporting SNMPv1/v2c And it is interface block with SNMP NMS
-	-	SQMB	Service Quality Management Block	Normal	SQMB manages overall VQM (Voice Quality Monitoring), the state and scheduling of SQFTB/SQSAB
-	-	SQFTB	Service Quality FTP Block	Normal	SQFTB connects Ubigate switch/route on which VQM Engine is mounted as FTP client periodically. It searches for QoS file and brings the data to SCM.
-	-	SQSAB	Service Quality Statistics Block	Normal	SQSAB parses QoS file which SQFTB got. It is charge of the function which stores/manages parsed QoS data.

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	-	SSOMB	Single Sign On Management Block	Normal	SSOMB is responsible for user authentication/login function of OSC (OfficeServCommunicator) and personal web page.
-	-	ASMB	ACD Lite Statistics Management Block	Normal	ASMB does statistical processing after gathering ACD call information.
-	-	UMSMB	UMS Light Management Block	Normal	UMSMB is the module which manages changed database for UMS and set information.
-	-	MCSMB	MCS Light Management Block	Normal	MCSMB is the module which manages changed database for MCS and set information.
-	-	MUAB	Mail User Agent Block	Normal	MUAB is responsible for sending e-mail to administrator when Alarm and Fault happens at SCM as SMTP client.
-	-	GWMB	Gateway Management Block	Normal	GWMB transfers gateway profile data and survivable data to Gateway. Especially it sends the setting value of FXS and FXO in case of iBG.
-	-	LMB	License Management Block	Normal	LMB manages SCM license. It stores the result to file after analyzing input data from GUI.
-	-	SPPIB	Samsung Proprietary Protocol Interface Block	Normal	SPPIB notifies the IP address which downloads profile using OSPP protocol when connecting phone based on OfficeServ.
-	-	HISTORYB	History Block	Normal	HISTORYB stores various operations which can occur in system by type to DB. And it has management function. Ex) It stores below contents. SPAM Call Log, Incoming Call Log, Call paging, Call Log, WakeUp Call Log, Feature Set Log, Register Fail Log

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	AAAS		Authentication & Authorization & Account Subsystem	-	-
-	-	REGB	Registration Block	Major	REGB manages both authentication and registration of SIP phone, Gateway, Endpoint and application.
-	-	CDRB	Call Data Record Block	Normal	CDRB manages Call Data Record. It uses the method of FTP, RADIUS, Local and TCP to store CDR data.
-	-	RAUB	Radius Authentication Block	Normal	RAUB manages the authentication of SIP phone and Endpoint. It is connected to RADIUS server as UDP client.
-	-	RACB	Radius Account Block	Normal	RACB plays a role for sending Accounting information of call being occurred at SCM. It is connected to RADIUS server as UDP client.
-	-	LIB	LDAP Interface Block	Normal	LIB supports the interface for interworking with LDAP server. It is connected to LDAP server as TCP client.
-	-	CSSB	Current Serving Server Block	Major	CSSB plays a role to decide call server to SCM user at Active-Active configuration.
-	CDSS		Call Data Synchronization Subsystem	-	-
-	-	CDSB	Call Data Synchronization Block	Critical	CDSB plays a role for synchronization of call data at Active/Standby of SCM.
-	BCCS		Basic Call Control Subsystem	-	-
-	-	NRCB	Number Translation & Routing Block	Major	NRCB plays a role for routing, number conversion and number analysis of incoming/outgoing call.
-	-	CSB	Call Signaling Block	Critical	CSB plays a role for basic call processing.
-	-	SIPB	SIP Block	Critical	SIPB plays a role for handling SIP protocol.

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	SSVCS		Supplementary Service Subsystem	-	-
-	-	NTFB	Notify Block	Normal	NTFB handles NOTIFY method of SIP.
-	-	SASEB	Static Access Service Execution Block	Normal	SASEB plays a role for value-added call processing
-	-	MESB	Message Block	Normal	MESB handles MESSAGE method of SIP
-	-	INFOB	Info Msg Block	Normal	INFOB handles INFO method without dialog session
-	APPS		Application Subsystem	-	-
-	-	MOHB	Music On Hold Block	Normal	MOHB controls music source of music on hold.
-	-	UI SB	User Interaction Service Block	Normal	UI SB supports User Interactive service (DISA, AA, ACCF).
-	-	CGB	Call Generation Block	Normal	CGB is Call Generating block. It can create INVITE method such as phone.
-	-	CSTALB	CSTA Link Block	Normal	CSTALB manages CSTA link and supports the interface for CSTA App being connected to SCM. TCP port is used as long as the number of User groups. Initial port is 6000. (Between 6000~6127)
-	-	LSMB	Line Status Management Block	Normal	LSMB handles the call status of phone.
-	-	CSTAMB	CSTA Management Block	Normal	CSTAMB sends the Event transformed to CSTA message when processing basic call and value-added call. It plays a role for control of phone using CSTA command.
-	-	ACDB	ACD Block	Normal	ACDB plays a role for Queuing control, Agent Routing and Announcement of ACD Group incoming call.

(Continued)

System	Sub System	Block	Full Name	Level	Description
-	-	WIMAXB	WIBRO USI INTERFACE BLOCK	Normal	WIMAXB plays a role for USI interface of WIBRO. If call is connected, SCM sends IP and port information of two ways RTP to Azis. Then Azis server guarantees QoS of voice. It is connected to Wimax as TCP client.
-	-	EIOB	TCP Block	Normal	EIOB plays a role for TCP interworking between SCM and external machine.
-	-	RECORDB	Recording Block	Normal	RECORDB plays a role for the interface with IP Call monitoring server. It sends the target information of call monitoring and SIP messages to call monitoring server.
-	-	MOBILEB	Mobile Voice (MVS/VCC) Server Block	Normal	MOBILEB provides Mobile call service through communication with MVS client App of Smart phone.
-	-	SNIB	Samsung Networks (mySingle) Interface Block	Normal	SNIB plays a role for the interface with My Single server. SNIB receives Click-to-Dial and Remote office information from My Single server.
-	-	PMSB	Property Management System Block	Normal	PMSB plays a role for interworking with Hotel PMS. The hotel function of SCM can be used only if Hotel PMS interworks with SCM. (PMS link management, Room information management, Room setting change, Alarm report, etc)
HA		-	High Availability System	-	-
-	-	HAMONB	HA Monitoring Block	-	HAMONB provide LAN interface redundancy and system redundancy.
-	-	HAGUARDB	HA Guard Block	-	HAGUARD is the process so that HAMONB is always running. Therefore, it is connected with HAMONB using TCP, also checks running status of HAMONB periodically. If HAMONB is shut down abnormally, HAGUARD restarts HAMONB.

(Continued)

System	Sub System	Block	Full Name	Level	Description
MP		-	Media Processing System	-	-
-	-	MRMB	Media Resource Management Block	Normal	MRMB provides the interface to other process which uses internal IVR.
-	-	MRAB	Media Resource Announcement Block	Normal	MRAB sends the RTP packets of Music on Hold and announcement. And it manages RTP and RTCP socket.
ISOL			Internal Solution System	-	-
-	-	UMSSIPB	UMS SIP Block	Normal	UMSSIPB plays a role for the interface so that it can do SIP communication among UMSCALLB, internal/external UMS and SIPB.
-	-	RTPAGENT	RTP control play & record	Normal	RTPAGENT sends/receives VM file using RTP.
-	-	UMSCORE	UMS core engine module	Normal	UMSCORE manages VM/AA state of UMS.
-	-	OLSRV	Server module for outlook add-in	Normal	OLSRV play a role for interface of Outlook.
-	-	FETCHMASTER	Email sync module	Normal	FETCHMASTER provides collection/state management of UMS.
-	-	FILESERVER	Internal File Transfer module	Normal	FILESERVER provides file transmitting/receiving with Outlook client of UMS.
-	-	UMSCALLB	UMS Call Block	Normal	It is UMSCALLB that handles call control between UMS and SIPB.
-	-	MAILALARM	mail send module	Normal	MAILALARM handles SMTP for sending E-mail at UMS.
-	-	MCCD	MCS Conference Controller daemon	Normal	MCCD handles conference management/prompt at MCS.
-	-	MCUD	MCS RTP Mixer daemon	Normal	It is MCUD that handles the mixing of media at MCS.
-	-	UCMB	UC Management Block	Normal	UCMB handles the user information which application uses.
-	-	FETCHIMAPD	Fetch IMAP Daemon	Normal	FETCHIMAPD collects/manages mail using IMAP protocol at UMS.

(Continued)

System	Sub System	Block	Full Name	Level	Description
MPS			Media Proxy Service System	-	-
-	-	MPSMB	MPS Management Block	Normal	MPSMB manages the channel for MPS service.
-	-	MPSB	MPS Block	Normal	MPSB is setting block of kernel level for MPS service.
UTIL			Utility Tool System	-	-
-	-	MINICLI	MINI Command Line Interface	-	It is MINI-CLI that can do setting for SCM which cannot be set using Web GUI. If connecting SCM through specific port of telnet, MINI CLI is running and interactive interface with user is provided. MINI-CLI provides features for changing SCM IP address, setting NTP server, changing time and restoring Database. - TCP Port 55555-MINICLI telnet access port - TCP Port 55557-If configuring redundancy, the port for transmitting/receiving of data between Active and Standby.
-	-	Upgrade	SCM Upgrading Software	-	It is software that handles SCM auto upgrade. - Operator can upgrade SCM software using only one command. - Existing DB, source of music and linux setting information are restored when upgrading SCM.
-	-	-	Etc	-	-
Management Tool			Web Based OAM Tool	-	-
		Admin	OAM Tool for Administration	-	Admin is the program based on Java which manages SCM.
		PWP	Personal Web Page	-	PWP handles Web service of personal web page.
External			External S/W	-	-
-	-	WEB Server	HTTP WebServer	-	WEB Server is used to Web Admin Tool and Personal Web Page.

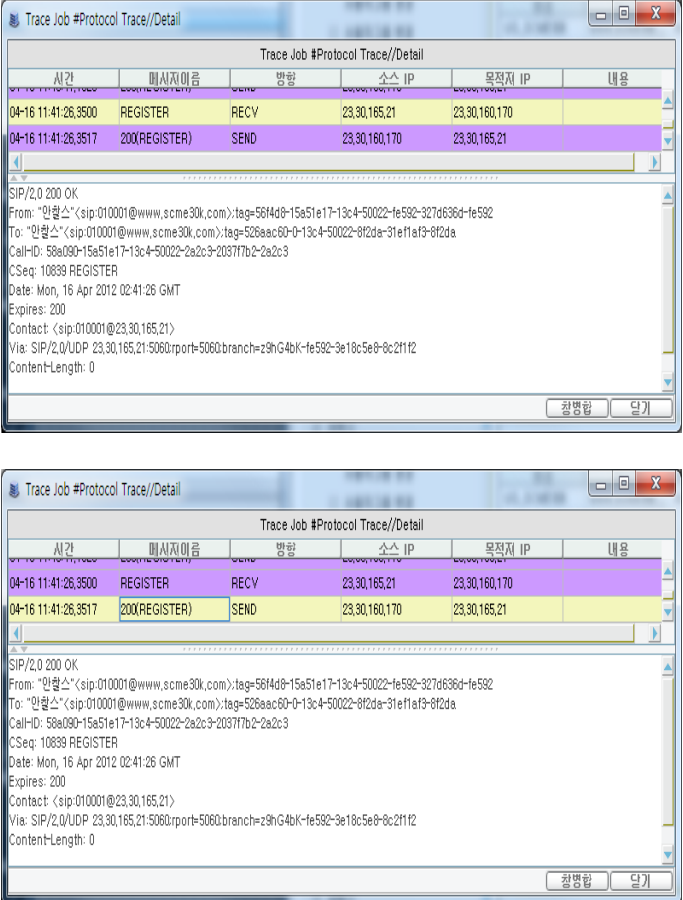
(Continued)

System	Sub System	Block	Full Name	Level	Description
-	-	Postgre	PostGre	-	Postgre is DBMS software for management of internal data of SCM.
-	-	MySingle Client	MySingle Client	-	MySingle client is external API for calling mySingle service.
-	-	DNRD	DNRD	-	DNS Query Daemon
-	-	NTP	NTP	-	Network Time Protocol Daemon
-	-	OS	CentOS 5.3	-	Clone OS of Redhat Enterprise Linux

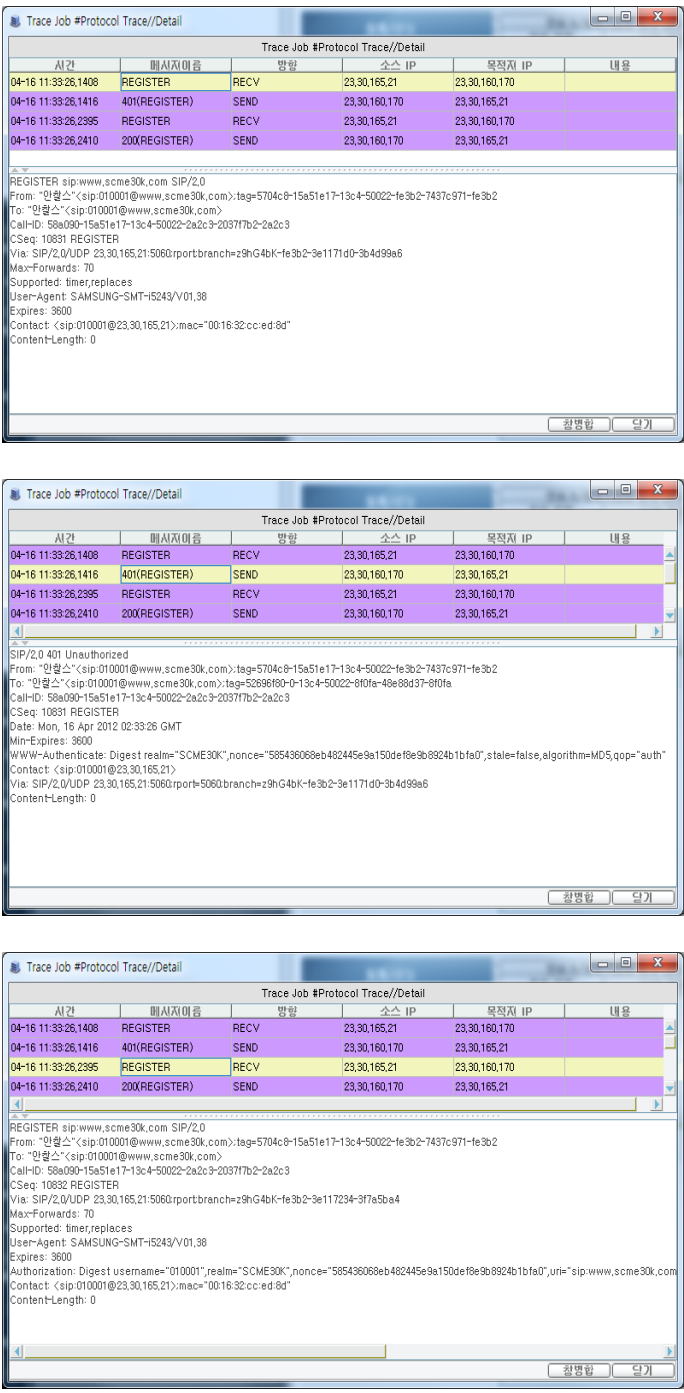
3.7 SCM call processing Flow

This is example for SCM call flow. IP used in this example are as follows.

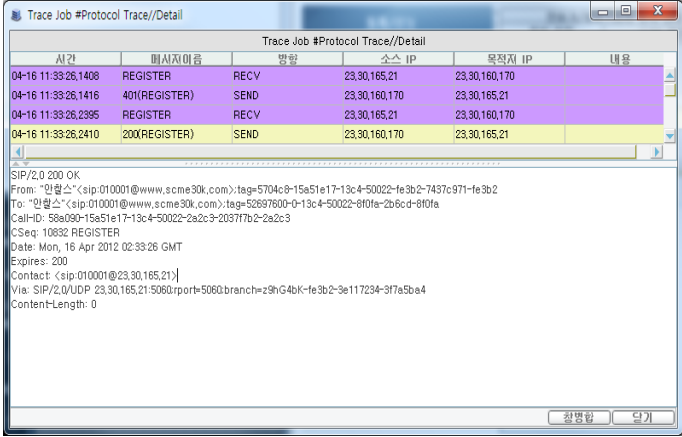
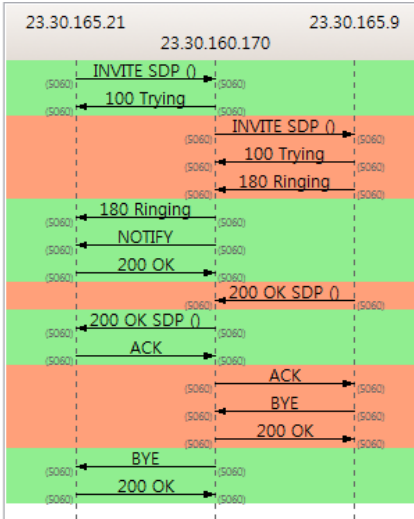
- SCM IP: 23.30.160.170, GW: 23.30.165.10, Phone: 23.30.165.x,

No.	Feature
REGISTER No authentication	<p>User registration-No authentication</p>  <p>The image displays two screenshots of a protocol trace window titled 'Trace Job #Protocol Trace/Detail'. Each screenshot contains a table with the following columns: '시간' (Time), '메시지 이름' (Message Name), '방향' (Direction), '소스 IP' (Source IP), '목적지 IP' (Destination IP), and '내용' (Content). The first screenshot shows a 'RECV' message at 11:41:26.3500 from 23.30.165.21 to 23.30.160.170, and a 'SEND' message at 11:41:26.3517 from 23.30.160.170 to 23.30.165.21. The second screenshot shows the same sequence of events. Below the table, the SIP message content is displayed, including fields like 'From', 'To', 'Call-ID', 'CSeq', 'Date', 'Expires', 'Contact', 'Via', and 'Content-Length'.</p>

(Continued)

No.	Feature
<p>REGISTER Authentication</p>	<p>User registration-Authentication</p>  <p>The figure consists of three screenshots of a network trace tool showing SIP protocol details. Each screenshot displays a table of messages and a text area with the message content.</p> <p>Trace 1: Shows a successful REGISTER process. The table lists three messages: a REGISTER (RECVD) at 11:33:26.1408, a 401(REGISTER) (SEND) at 11:33:26.1416, and a 200(REGISTER) (SEND) at 11:33:26.2395. The text area shows the 200 response with headers like 'From: sip:www.scme30k.com SIP/2.0' and 'To: "인원스" <sip:010001@www.scme30k.com>'.</p> <p>Trace 2: Shows a failed REGISTER process. The table lists three messages: a REGISTER (RECVD) at 11:33:26.1408, a 401(REGISTER) (SEND) at 11:33:26.1416, and another 401(REGISTER) (RECVD) at 11:33:26.2395. The text area shows the second 401 response with headers like 'From: sip:www.scme30k.com SIP/2.0' and 'WWW-Authenticate: Digest realm="SCME30K", nonce="585436068eb482445e9a150de18e9b8924b1bfa0", state=false, algorithm=MD5, qop="auth"'. The 'Content-Length' is 0.</p> <p>Trace 3: Shows a successful REGISTER process. The table lists three messages: a REGISTER (RECVD) at 11:33:26.1408, a 401(REGISTER) (SEND) at 11:33:26.1416, and a 200(REGISTER) (RECVD) at 11:33:26.2395. The text area shows the 200 response with headers like 'From: sip:www.scme30k.com SIP/2.0' and 'To: "인원스" <sip:010001@www.scme30k.com>'.</p>

(Continued)

No.	Feature
<p>REGISTER Authentication</p>	 <pre> SIP/2.0 200 OK From: "인원스" <sip:010001@www.scme30k.com>;tag=5704c8-15a51e17-13c4-50022-fe3b2-7437c971-fe3b2 To: "인원스" <sip:010001@www.scme30k.com>;tag=52697600-0-13c4-50022-8f0fe-2b6c4-8f0fa Call-ID: 58a090-15a51e17-13c4-50022-2a2c3-20377b2-2a2c3 CSeq: 10832 REGISTER Date: Mon, 16 Apr 2012 02:33:26 GMT Expires: 200 Contact: <sip:010001@23.30.165.21> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-fe3b2-3e117234-3f7e5ba4 Content-Length: 0 </pre>
<p>Extension call</p>	<p>Extension basic call</p>  <pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael" <sip:010001@www.SCM30k.com>;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27 To: <sip:10003@www.SCM30k.com> Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: </pre>

(Continued)

No.	Feature
Extension call	<pre> "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334601209 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20002 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:KW5hFpu2YWZhiUfEeN1ZBoMVphY1Lp2bQZbn2PB9 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:4rxszegcEAJO+pQ5wsWAlmR3My1QFh0GHD7tjmHF m=video 25002 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:6ef0CmEmhXP251P15hPpkMovPsqbXorOrPDp5IYM a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/u4LM0jJWmuY9ahtQ5ozDdxwyyts4t1bq/LPCzGH </pre>

(Continued)

No.	Feature
Extension call	<pre> SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27 To: <sip:10003@www.SCM30k.com> Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-91f4c-23a24193-241c11af P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334601209 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20002 RTP/SAVP 8 </pre>

(Continued)

No.	Feature
Extension call	<pre> a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:KW5hFpu2YWZhiUfEeNlZBoMVphY1Lp2bQZbn2PB9 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:4rxszegcEAJO+pQ5wsWAlmR3My1QFh0GHD7tjmHF m=video 25002 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:6ef0CmEmhXP251P15hPpkMovPsqbXorOrPDp5IYM a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/u4LM0jJWMuY9ahtQ5ozDdxwyyts4t1bq/LPCzGH SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1- 7c14-4cdd-9432-4e94c65c4c01 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 6f6d33d7-e796-4e00-81a2- a780c55a8ab0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c- 23a24193-241c11af Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Extension call	<pre> SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01 To: "10003"<sip:10003@www.SCM30k.com>;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c-23a24193-241c11af Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27 To: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27 Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 NOTIFY </pre>

(Continued)

No.	Feature
Extension call	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-91f4c-23a242cc- 47f60ac5 Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 197 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1- 9eaa-477a008e88df To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8- 15a51e17-13c4-50022-2a27-59d1ea39-2a27 Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c- 23a242cc-47f60ac5 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1- 7c14-4cdd-9432-4e94c65c4c01 </pre>

(Continued)

No.	Feature
Extension call	<pre> To: "10003"<sip:10003@www.SCM30k.com>;tag=10130de8- 9a51e17-13c4-50022-10122e-5a9379dd-10122e Call-ID: 6f6d33d7-e796-4e00-81a2- a780c55a8ab0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f4c- 23a24193-241c11af Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 292 v=0 o=SAMSUNG_IP_PHONE 1334601234 1 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20030 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:NWRXRH/RB9TmwoV3dPpLQnXuFuchgEm9iyf5RfDG m=video 0 RTP/SAVP 34 98 99 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8- 15a51e17-13c4-50022-2a27-59d1ea39-2a27 To: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1- 9eaa-477a008e88df Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 1 INVITE </pre>

(Continued)

No.	Feature
Extension call	<p>Supported: replaces, timer</p> <p>P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com></p> <p>Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2a27-a4a8f8-169a7ece</p> <p>Contact: <sip:10003@23.30.160.170:5060></p> <p>Session-Expires: 1800;refresher=uas</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 280</p> <p>v=0</p> <p>o=10003 1334601234 1 IN IP4 23.30.160.170</p> <p>s=Samsung IP PBX</p> <p>c=IN IP4 23.30.165.9</p> <p>t=0 0</p> <p>m=audio 20030 RTP/SAVP 8</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=ptime:20</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:NWRXRH/RB9TmwoV3dPpLQnXuFuchgEm9iyf5RfdG</p> <p>m=video 0 RTP/SAVP 34 98 99</p> <p>ACK sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8-15a51e17-13c4-50022-2a27-59d1ea39-2a27</p> <p>To: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1-9eaa-477a008e88df</p> <p>Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2a2a-a4b6ae-bc0eb2d</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: <sip:010001@23.30.165.21></p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>

(Continued)

No.	Feature
Extension call	<pre> ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01 To: "10003"<sip:10003@www.SCM30k.com>;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-91f4f-23a24f77-69a1195b Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 BYE sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e To: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01 Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-101237-3ec728e0-57a6c7d3 Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=10130de8-9a51e17-13c4-50022-10122e-5a9379dd-10122e To: "Michael"<sip:010001@www.SCM30k.com>;tag=392c25a1-7c14-4cdd-9432-4e94c65c4c01 Call-ID: 6f6d33d7-e796-4e00-81a2-a780c55a8ab0@www.SCM30k.com CSeq: 1 BYE </pre>

(Continued)

No.	Feature
Extension call	<pre> Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-101237- 3ec728e0-57a6c7d3 Content-Length: 0 BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1- 9eaa-477a008e88df To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8- 15a51e17-13c4-50022-2a27-59d1ea39-2a27 Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-91f55-23a267a6- 3f9cba4f Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=c2f6e57d-ee07-49f1- 9eaa-477a008e88df To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d4f8- 15a51e17-13c4-50022-2a27-59d1ea39-2a27 Call-ID: 576098-15a51e17-13c4-50022-2a27-6d2521e3-2a27 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-91f55- 23a267a6-3f9cba4f Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<div data-bbox="778 454 1193 891" data-label="Diagram"> </div> <pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: <sip:10003@www.SCM30k.com> Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4-618aaa47 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334601922 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> t=0 0 m=audio 20042 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:a0KjytDhDjDjEPEWaReVJWDrsJbOfTs7A4a+HdltG a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:xUfcvsr5GMIq88uXH4TcDDgSAKeDWXCxHz1MjgUK m=video 25042 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:OWf4cdkmCMwGy5YyJy8qhHpmDqWRRpTtrteTQ4b3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:6ZFpMdZcRjPHW2x4ESFhkHu84cPic2XlRwgPw61B SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: <sip:10003@www.SCM30k.com> Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4-618aaa47 Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=f0032614-369d-4d0a-a109-9b8fccf7108f To: "10003"<sip:10003@www.SCM30k.com> Call-ID: d6747abf-c6b3-4138-96b3-b6bfcd3d4835@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad230c-3ad78e11 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334601922 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20042 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 aptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:a0KjytDhDJdEPEWaReVJWDrsJbOfTs7A4a+HdltG a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:xUfcvsr5GMIq88uXH4TcDDgSAKeDWXCxHz1MjgUK m=video 25042 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:OWf4cDkmCMwGy5YyJy8qhHpmDqWRRpttrteTQ4b3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:6ZFpMdZcRjPHW2x4ESFhkHu84cPic2XlRwgPw61B SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=f0032614-369d-4d0a-a109-9b8fccf7108f To: "10003"<sip:10003@www.SCM30k.com> Call-ID: d6747abf-c6b3-4138-96b3-b6bfcd3d4835@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215-23ad230c-3ad78e11 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 486 Busy Here From: "Michael"<sip:010001@www.SCM30k.com>;tag=f0032614-369d-4d0a-a109-9b8fccf7108f To: "10003"<sip:10003@www.SCM30k.com>;tag=101322a0-9a51e17-13c4-50022-1014f7-1397fc2e-1014f7 Call-ID: d6747abf-c6b3-4138-96b3-b6bfcd3d4835@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215-23ad230c-3ad78e11 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=f0032614- 369d-4d0a-a109-9b8fccf7108f To: "10003"<sip:10003@www.SCM30k.com>;tag=101322a0- 9a51e17-13c4-50022-1014f7-1397fc2e-1014f7 Call-ID: d6747abf-c6b3-4138-96b3- b6bfcd3d4835@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad230c- 3ad78e11 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 SIP/2.0 183 Session Progress From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020- 15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: <sip:10003@www.SCM30k.com>;tag=64d76965-7f43-42da- 881f-c8b766cfd8fe Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4- 618aaa47 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 254 v=0 o=10003 100047 100047 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GaLtXBadUrPWkBZTYmH4FXlVS2ysY1kkUX7K3ePM NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=64d76965-7f43-42da-881f-c8b766cfd8fe To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92215-23ad252f-5369eb47 Event: scm-softmenu;version="SCMxpress_1.0.0";type=update-softmenu-volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 363 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/> <function idx="2" display="barge-in" attribute="spd" num="*2310003" enable="1"/> <function idx="3" display="barge-in no tone" attribute="spd" num="*2410003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=64d76965-7f43-42da-881f-c8b766cfd8fe To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020-15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 </pre>

(Continued)

No.	Feature
Extension Announcement Busy	<pre> CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92215- 23ad252f-5369eb47 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 486 Busy Here From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020- 15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: <sip:10003@www.SCM30k.com>;tag=64d76965-7f43-42da- 881f-c8b766cfd8fe Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 INVITE Reason: Q.850 ;cause=17 ;text="User Busy" Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2cf0-af8ad4- 618aaa47 Content-Length: 0 ACK sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e020- 15a51e17-13c4-50022-2cf0-4aec23f6-2cf0 To: <sip:10003@www.SCM30k.com>;tag=64d76965-7f43-42da- 881f-c8b766cfd8fe Call-ID: 578618-15a51e17-13c4-50022-2cf0-6f3049d0-2cf0 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK- 2cf0-af8ad4-618aaa47 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<p data-bbox="539 383 943 412">Extension Announcement-No Answer</p>  <pre data-bbox="539 1032 1361 1843"> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com> Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre>v=0 o=SAMSUNG_IP_PHONE 1334602137 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20044 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h05+19xwo67RFAUxxAoT/JCYOnz7hCKzVcLxJM+a a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:oB1lhPGU+ny1Z8+XUxjNtztH9B/Z/yIRH6df90/o m=video 25044 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:CBP+ORPkiBURSmvJ0pCB/fn6pZyjmuiaKchWPv1H a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:Kq0CYS5HcLXUQEKu91rlkEUS9jU5AtpeKeTw4Z/2 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com> Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424 Contact: <sip:10003@www.SCM30k.com> Content-Length: 0</pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e- 97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a- 6dd834aa P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334602137 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20044 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h05+19xwo67RFAUxxAoT/JCYOnz7hCKzVcLxJM+a a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:oB11hPGU+ny1z8+XUxjNtztH9B/Z/yIRH6df90/o m=video 25044 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:CBP+ORPkiBURSmvJ0pCB/fn6pZyjmuiaKchWPv1H a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:Kq0CYS5HcLXUQEKu91rlkEUS9jU5AtpeKeTw4Z/2 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec-23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e-97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132c30-9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6-c170c04f8c0d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec-23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3- a634-28fe16a26123 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324- 695bf424 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3- a634-28fe16a26123 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-2dc7-56012727-2dc7 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06c82- 37ada2e8 Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 197 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> attribute="spd" num="*16110003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3- a634-28fel6a26123 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-2dc7-56012727-2dc7 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec- 23b06c82-37ada2e8 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 CANCEL sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e- 97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.SCM30k.com CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a- 6dd834aa Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e- 97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132c30- 9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.SCM30k.com </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec- 23b06b3a-6dd834aa Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 487 Request Terminated From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e- 97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132c30- 9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-922ec- 23b06b3a-6dd834aa Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=c4f9c80e- 97e5-44dd-ab72-0aa35e4208e5 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132c30- 9a51e17-13c4-50022-1015ce-510f5c61-1015ce Call-ID: a1823302-2e34-4d33-a4a6- c170c04f8c0d@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-922ec-23b06b3a- 6dd834aa </pre>

(Continued)

No.	Feature
Extension Announcement No Answer	<pre> Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 SIP/2.0 183 Session Progress From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3-a634-28fe16a26123 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 254 v=0 o=10003 100048 100048 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:OS+IR9wy1s04DGAAUuQP7hJIRPxq5gix16tVYEJg SIP/2.0 480 Temporarily Unavailable From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3-a634-28fe16a26123 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 INVITE Reason: Q.850 ;cause=19 ;text="No Answer From User" Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2dc7-b2d324-695bf424 Content-Length: 0 </pre>

(Continued)

No.	Feature
<p>Extension Announcement No Answer</p>	<p>ACK sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2dc7-56012727-2dc7 To: <sip:10003@www.SCM30k.com>;tag=2524f1e6-5961-42e3-a634-28fe16a26123 Call-ID: 5787f8-15a51e17-13c4-50022-2dc7-7368cbf1-2dc7 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2dc7-b2d324-695bf424 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</p>
<p>MOH</p>	<p>The diagram shows a sequence of SIP and SRTP messages between three endpoints: 23.30.165.21 (left), 23.30.160.170 (middle), and 23.30.165.9 (right). The messages are as follows:</p> <ul style="list-style-type: none"> 23.30.165.21 sends INVITE SDP () to 23.30.160.170. 23.30.160.170 sends 100 Trying to 23.30.165.21. 23.30.160.170 sends INVITE SDP () to 23.30.165.9. 23.30.165.9 sends 100 Trying to 23.30.160.170. 23.30.165.9 sends 180 Ringing to 23.30.160.170. 23.30.165.21 sends 180 Ringing to 23.30.160.170. 23.30.160.170 sends NOTIFY to 23.30.165.21. 23.30.160.170 sends 200 OK to 23.30.165.21. 23.30.165.21 sends 200 OK SDP () to 23.30.160.170. 23.30.165.21 sends ACK to 23.30.160.170. 23.30.160.170 sends 200 OK SDP () to 23.30.165.9. 23.30.165.9 sends ACK to 23.30.160.170. 23.30.165.21 sends INVITE SDP () to 23.30.160.170. 23.30.160.170 sends 100 Trying to 23.30.165.21. 23.30.160.170 sends INVITE SDP () to 23.30.165.9. 23.30.165.9 sends 200 OK SDP () to 23.30.160.170. 23.30.165.21 sends 200 OK SDP () to 23.30.160.170. 23.30.165.21 sends ACK to 23.30.160.170. 23.30.160.170 sends SRTP (q711A) to 23.30.165.9. 23.30.165.9 sends ACK to 23.30.160.170. 23.30.160.170 sends SRTP (q711A) to 23.30.165.21. 23.30.165.21 sends INVITE SDP () to 23.30.160.170. 23.30.160.170 sends 100 Trying to 23.30.165.21. 23.30.160.170 sends INVITE SDP () to 23.30.165.9. 23.30.165.9 sends 200 OK SDP () to 23.30.160.170. 23.30.165.21 sends 200 OK SDP () to 23.30.160.170. 23.30.165.21 sends ACK to 23.30.160.170. 23.30.160.170 sends ACK to 23.30.165.9. 23.30.165.21 sends BYE to 23.30.160.170. 23.30.160.170 sends 200 OK to 23.30.165.21. 23.30.160.170 sends BYE to 23.30.165.9. 23.30.165.9 sends 200 OK to 23.30.160.170.

(Continued)

No.	Feature
MOH	<pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334602445 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20046 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHYlugksRJ </pre>

(Continued)

No.	Feature
MOH	<pre> m=video 25046 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUGl a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92420-23b51e44-7513f069 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 </pre>

(Continued)

No.	Feature
MOH	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334602445 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20046 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 aptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHY1ugksRJ m=video 25046 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUGL a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com </pre>

(Continued)

No.	Feature
MOH	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420- 23b51e44-7513f069 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420- 23b51e44-7513f069 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY ,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> </pre>

(Continued)

No.	Feature
MOH	<pre> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658- 547345ce Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92420-23b51fbb- 44461b1f Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 197 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420- 23b51fbb-44461b1f </pre>

(Continued)

No.	Feature
MOH	<pre> Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92420- 23b51e44-7513f069 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 292 v=0 o=SAMSUNG_IP_PHONE 1334602471 1 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20040 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99 </pre>

(Continued)

No.	Feature
MOH	<pre> SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE ,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2efb-b78658-547345ce Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 280 v=0 o=10003 1334602471 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20040 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2efd-b78dba-1d56a2d Max-Forwards: 70 </pre>

(Continued)

No.	Feature
MOH	<pre>User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92422-23b525fa- 261ad6d9 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156- 7e56b9e9 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90</pre>

(Continued)

No.	Feature
MOH	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 869 v=0 o=SAMSUNG_IP_PHONE 1334602445 1 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20048 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHY1ugksRJ m=video 25048 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUG1 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbL1lVeDjkAoykbxtmh3CrKYKfEj1msPg SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae </pre>

(Continued)

No.	Feature
MOH	<pre> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156- 7e56b9e9 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92427-23b5393b- 7b23d22 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 487 v=0 o=010001 100049 100049 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 18 0 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=rtpmap:0 PCMU/8000 a=ptime:20 </pre>

(Continued)

No.	Feature
MOH	<pre> a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+sT39eVWKfNM11IS5MhRFiLDqoCTkSkRyVYiVmWJ a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:+sT39eVWKfNM11IS5MhRFiLDqoCTkSkRyVYiVmWJ a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:+sT39eVWKfNM11IS5MhRFiLDqoCTkSkRyVYiVmWJbwJ5q36yA s/= SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ffa4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92427- 23b5393b-7b23d22 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 263 v=0 o=SAMSUNG_IP_PHONE 1334602471 2 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20042 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 </pre>

(Continued)

No.	Feature
MOH	<pre> SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 2 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f02-b7a156-7e56b9e9 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 261 v=0 o=10003 1334602471 2 IN IP4 23.30.165.9 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 a=inactive m=audio 20042 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2f02-b7a1d8-5e5e8006 Max-Forwards: 70 </pre>

(Continued)

No.	Feature
MOH	<pre> User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ffa4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92427-23b539b7- 38401ae Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a- 114e8172 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 </pre>

(Continued)

No.	Feature
MOH	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 869 v=0 o=SAMSUNG_IP_PHONE 1334602445 2 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20050 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvCl0JcWZBdznaCHopAtthRX6jZHYlugksRJ m=video 25050 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPDm6/wBKTfQUGl a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbLllVeDjkaOykbxtmh3CrKYKfEj1msPg SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae </pre>

(Continued)

No.	Feature
MOH	<pre> Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a- 114e8172 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92431-23b5632c- b4a40c9 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 857 v=0 o=010001 1334602445 2 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 m=audio 20050 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 </pre>

(Continued)

No.	Feature
MOH	<pre> a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:+4xCQdyILIDX/8iYrNzQIQ6GLMIJyV8N9uMBTRrh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:2dZLMvC10JcWZBdznaCHopAtthRX6jZHYlugksRJ m=video 25050 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ANB4nr8e3drDbLhtXW4yRLgrLlPdm6/wBKTfQUGl a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ck0EQJysbLllVeDjkAoykbxtmh3CrKYKfEj1msPg SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92431-23b5632c-b4a40c9 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 292 </pre>

(Continued)

No.	Feature
MOH	<pre> v=0 o=SAMSUNG_IP_PHONE 1334602471 3 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20044 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 3 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE ,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f0d-b7cb4a-114e8172 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 280 v=0 o=10003 1334602471 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20044 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:whlZtSetdZ3T29XYvXrxBjRAwpe6aZuaTSHSqr11 m=video 0 RTP/SAVP 34 98 99 </pre>

(Continued)

No.	Feature
MOH	<p>ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2f0d-b7cbe0-6c3b0e3e Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</p> <p>ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2-7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8-9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.SCM30k.com CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92432-23b563c9-79383ac1 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0</p> <p>BYE sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0-15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c-8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 4 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f12-b7df68-52c4abd9</p>

(Continued)

No.	Feature
MOH	<pre> Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f9a0- 15a51e17-13c4-50022-2efb-e056d39-2efb To: <sip:10003@www.SCM30k.com>;tag=ce8f36bb-2c02-4f6c- 8ad4-27bba6a23aae Call-ID: 5789d8-15a51e17-13c4-50022-2efb-481674e3-2efb CSeq: 4 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2f12-b7df68- 52c4abd9 Content-Length: 0 BYE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 Call-ID: 44c42a93-c306-4e24-9583- b893d3fa7663@www.SCM30k.com CSeq: 4 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92437-23b57748- 5ec6661e Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=aba2f4f2- 7bfa-4fed-ad76-7137ff1a4101 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131aa8- 9a51e17-13c4-50022-101702-5773a783-101702 </pre>

(Continued)

No.	Feature
MOH	<p>Call-ID: 44c42a93-c306-4e24-9583-b893d3fa7663@www.SCM30k.com</p> <p>CSeq: 4 BYE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92437-23b57748-5ec6661e</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>
Trunk Call Outgoing	<p>Trunk Call-Outgoing</p> <div data-bbox="737 869 1157 1211" data-label="Diagram"> <pre> sequenceDiagram participant A as 23.30.165.21 participant B as 23.30.165.10 Note over A,B: 23.30.160.170 A->>B: INVITE SDP () B-->A: 100 Trying A->>B: INVITE SDP () B-->A: 100 Trying A->>B: 183 Session Progress SDP (g711A) B-->A: 200 OK SDP (g711A) A->>B: 200 OK SDP (g711A) B-->A: ACK A->>B: ACK </pre> </div> <p>INVITE sip:81000@www.SCM30k.com SIP/2.0</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8</p> <p>To: <sip:81000@www.SCM30k.com></p> <p>Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-6618de77</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com></p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Contact: <sip:010001@23.30.165.21></p> <p>Session-Expires: 1800;refresher=uas</p> <p>Min-SE: 90</p>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 v=0 o=SAMSUNG_IP_PHONE 1334604186 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20058 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:g55HvSImWUbnl+7Lf7H8oE5YSBo+001IpSECAHHy a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:57+00L638Zoar3IHGsZGvw+lf7HsmSEjSLIOYYcz SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-35c8-779ecae6-35c8 To: <sip:81000@www.SCM30k.com> Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac- 6618de77 Contact: <sip:81000@www.SCM30k.com> Content-Length: 0 INVITE sip:2016fxo@23.30.165.10:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655- 4dc7-4a0d-a343-2d9ff7f33bfe </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> To: <sip:1000@www.SCM30k.com> Call-ID: 815adf1a-6340-46d1-9e87- c506a936ea8d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 P-Asserted-Identity: "2016fxo" <sip:2016fxo@www.SCM30k.com> Supported: replaces, timer Diversion: <sip:010001@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 366 v=0 o=010001 1334604186 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20058 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:g55HvSImWUbnl+7Lf7H8oE5YSBo+001IpSECAHHy a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:57+00L638ZoaR3IHGsZGvw+lf7HsmSEjSLI0YYcz SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655- 4dc7-4a0d-a343-2d9ff7f33bfe To: <sip:1000@www.SCM30k.com> Call-ID: 815adf1a-6340-46d1-9e87- c506a936ea8d@www.SCM30k.com </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 Content-Length: 0 SIP/2.0 183 Session Progress From: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655- 4dc7-4a0d-a343-2d9ff7f33bfe To: <sip:1000@www.SCM30k.com>;tag=97186c7a-Ncc0-7246350 Call-ID: 815adf1a-6340-46d1-9e87- c506a936ea8d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 Contact: <sip:1000@23.30.165.10:5060> Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY, OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE Supported: timer,replaces Server: SAMSUNG-SMG-iBG2016/2.11.4.7 Content-Type: application/sdp Content-Length: 119 v=0 o=1000 1 1 IN IP4 23.30.165.10 s=- c=IN IP4 23.30.165.10 t=0 0 m=audio 16384 RTP/AVP 8 a=rtpmap:8 PCMA/8000 SIP/2.0 183 Session Progress From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-35c8-779ecae6-35c8 To: <sip:81000@www.SCM30k.com>;tag=cd9866fd-708e-47cf- b3c3-ce9a11f38de8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 INVITE P-Asserted-Identity: <sip:81000@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac- 6618de77 Contact: <sip:1000@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 133 v=0 o=1000 1 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.10 t=0 0 m=audio 16384 RTP/AVP 8 a=rtpmap:8 PCMA/8000 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655- 4dc7-4a0d-a343-2d9ff7f33bfe To: <sip:1000@www.SCM30k.com>;tag=97186c7a-Ncc0-7246350 Call-ID: 815adf1a-6340-46d1-9e87- c506a936ea8d@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92aed-23cfae9c- 3f58aec5 Contact: <sip:1000@23.30.165.10:5060> Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY, OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE Supported: timer,replaces Require: timer Server: SAMSUNG-SMG-iBG2016/2.11.4.7 Session-Expires: 1800;refresher=uac Content-Type: application/sdp Content-Length: 119 v=0 o=1000 1 1 IN IP4 23.30.165.10 s=- c=IN IP4 23.30.165.10 t=0 0 m=audio 16384 RTP/AVP 8 a=rtpmap:8 PCMA/8000 </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8 To: <sip:81000@www.SCM30k.com>;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: <sip:81000@www.SCM30k.com> Allow: INVITE,ACK,OPTIONS,BYE,CANCEL,PRACK,INFO,REFER,SUBSCRIBE,NOTIFY,MESSAGE,UPDATE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-35c8-d217ac-6618de77 Contact: <sip:1000@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 133 v=0 o=1000 1 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.10 t=0 0 m=audio 16384 RTP/AVP 8 a=rtpmap:8 PCMA/8000 ACK sip:1000@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8 To: <sip:81000@www.SCM30k.com>;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-35cb-d223be-17314852 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<pre> ACK sip:1000@23.30.165.10:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe To: <sip:1000@www.SCM30k.com>;tag=97186c7a-Ncc0-7246350 Call-ID: 815adf1a-6340-46d1-9e87-c506a936ea8d@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92af0-23cfbaa3-2dba4d5b Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 BYE sip:010001@23.30.160.170:5060 SIP/2.0 From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Ncc0-7246350 To: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe Call-ID: 815adf1a-6340-46d1-9e87-c506a936ea8d@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000133AAdTAMJ9An0S0gAAAAAAAA Max-Forwards: 70 User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7 Reason: Q.850;cause=16;text="Normal Release" Content-Length: 0 SIP/2.0 200 OK From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Ncc0-7246350 To: "Michael"<sip:010001@www.SCM30k.com>;tag=da689655-4dc7-4a0d-a343-2d9ff7f33bfe Call-ID: 815adf1a-6340-46d1-9e87-c506a936ea8d@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000133AAdTAMJ9An0S0gAAAAAAAA Content-Length: 0 </pre>

(Continued)

No.	Feature
Trunk Call Outgoing	<p>BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:81000@www.SCM30k.com>;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92b02-23d002b5-4a654dd8 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0</p> <p>SIP/2.0 200 OK From: <sip:81000@www.SCM30k.com>;tag=cd9866fd-708e-47cf-b3c3-ce9a11f38de8 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-35c8-779ecae6-35c8 Call-ID: 579158-15a51e17-13c4-50022-35c8-7f5161c0-35c8 CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92b02-23d002b5-4a654dd8 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p>
Trunk Incoming Call	<pre> sequenceDiagram participant A as 23.30.165.10 participant B as 23.30.160.170 participant C as 23.30.165.17 A->>B: INVITE SDP (g711U, g711A, g729 telephone-eventRT...) B->>A: 100 Trying B->>C: INVITE SDP (g711A) C->>B: 100 Trying C->>B: 180 Ringing B->>A: 180 Ringing C->>B: 200 OK SDP (g711A) B->>C: ACK C->>B: ACK C->>B: BYE B->>C: 200 OK B->>A: BYE A->>B: 200 OK </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<pre> INVITE sip:020001@www.SCM30k.com SIP/2.0 From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 To: <sip:020001@www.SCM30k.com> Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0APQSoAAAAAAAA Contact: <sip:1000@23.30.165.10:5060> P-Asserted-Identity: <sip:2016fxo@www.SCM30k.com> Max-Forwards: 70 Supported: 100rel,timer Allow: ACK,BYE,CANCEL,INFO,INVITE,MESSAGE,NOTIFY,OPTIONS,PRACK,REFER,SUBSCRIBE,UPDATE Supported: replaces Session-Expires: 180;refresher=uac User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7 Content-Type: application/sdp Content-Length: 246 v=0 o=1000 1 1 IN IP4 23.30.165.10 s=- c=IN IP4 23.30.165.10 t=0 0 m=audio 16508 RTP/AVP 0 8 18 101 a=rtpmap:0 PCMU/8000 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=fmtp:18 annexb=no a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 SIP/2.0 100 Trying From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 To: <sip:020001@www.SCM30k.com> Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 INVITE </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<pre> Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0AP QSoAAAAAAAA Contact: <sip:020001@www.SCM30k.com> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d- 9893-5d3d2a52b486 To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: cfd9894b-35d2-467b-831f- afc43959c4e7@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92979-23ca03e8- 1c20c726 P-Asserted-Identity: <sip:1000@www.SCM30k.com> Alert-Info: <http://127.0.0.1/Scm-external> Supported: replaces, 100rel, timer Max-Forwards: 70 Allow: INVITE,ACK,OPTIONS,BYE,CANCEL,PRACK,INFO,REFER, SUBSCRIBE,NOTIFY,MESSAGE,UPDATE Contact: <sip:1000@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 153 v=0 o=1000 1 1 IN IP4 23.30.165.10 s=Samsung IP PBX c=IN IP4 23.30.165.10 t=0 0 m=audio 16508 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:18 annexb=no SIP/2.0 100 Trying From: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d- 9893-5d3d2a52b486 To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: cfd9894b-35d2-467b-831f- afc43959c4e7@www.SCM30k.com </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979- 23ca03e8-1c20c726 Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d- 9893-5d3d2a52b486 To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1588- 11a51e17-13c4-50022-254e6c-66767dd3-254e6c Call-ID: cfd9894b-35d2-467b-831f- afc43959c4e7@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979- 23ca03e8-1c20c726 Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0- 7247044 To: <sip:020001@www.SCM30k.com>;tag=5d12ee06-491e-4c26- 978e-e8f735a44253 Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 INVITE </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<pre> Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0AP QSoAAAAAAAAA Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 SIP/2.0 200 OK From: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d- 9893-5d3d2a52b486 To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1588- 11a51e17-13c4-50022-254e6c-66767dd3-254e6c Call-ID: cfd9894b-35d2-467b-831f- afc43959c4e7@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-92979- 23ca03e8-1c20c726 Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 180 v=0 o=SAMSUNG_IP_PHONE 1334603827 1 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20044 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv </pre>

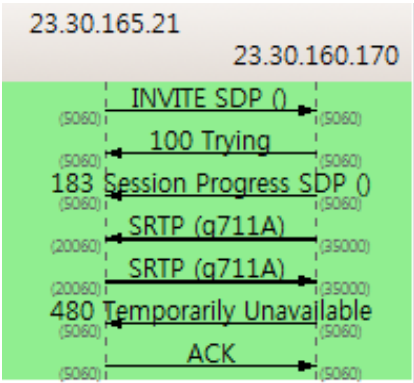
(Continued)

No.	Feature
Trunk Incoming Call	<pre> SIP/2.0 200 OK From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 To: <sip:020001@www.SCM30k.com>;tag=5d12ee06-491e-4c26-978e-e8f735a44253 Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 INVITE Supported: replaces, timer Require: timer Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bKhsig0000000058AAg9YMD0APQSoAAAAAAAA Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 180;refresher=uac Content-Type: application/sdp Content-Length: 168 v=0 o=020001 1334603827 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20044 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv ACK sip:020001@23.30.160.170:5060 SIP/2.0 From: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 To: <sip:020001@www.SCM30k.com>;tag=5d12ee06-491e-4c26-978e-e8f735a44253 Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.10:5060;branch=z9hG4bK0000000058AA5-8MD3APcSoAAAAAAAA Max-Forwards: 70 User-Agent: SAMSUNG-SMG-iBG2016/2.11.4.7 Content-Length: 0 </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<pre> ACK sip:020001@23.30.165.17 SIP/2.0 From: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486 To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-9297d-23ca113c-46bba827 Max-Forwards: 70 Contact: <sip:1000@23.30.160.170:5060> Content-Length: 0 BYE sip:1000@23.30.160.170:5060 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c To: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486 Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.17:5060;rport=5060;branch=z9hG4bK-254e73-91ba73e0-7af3dc18 Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5220S/V01.52 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1588-11a51e17-13c4-50022-254e6c-66767dd3-254e6c To: <sip:1000@www.SCM30k.com>;tag=ec9c9068-ec39-4d9d-9893-5d3d2a52b486 Call-ID: cfd9894b-35d2-467b-831f-afc43959c4e7@www.SCM30k.com CSeq: 1 BYE </pre>

(Continued)

No.	Feature
Trunk Incoming Call	<p>Via: SIP/2.0/UDP 23.30.165.17:5060;rport=5060;branch=z9hG4bK-254e73-91ba73e0-7af3dc18 Content-Length: 0</p> <p>BYE sip:1000@23.30.165.10:5060 SIP/2.0 From: <sip:020001@www.SCM30k.com>;tag=5d12ee06-491e-4c26-978e-e8f735a44253 To: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92981-23ca2278-1fa52d01 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0</p> <p>SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=5d12ee06-491e-4c26-978e-e8f735a44253 To: <sip:1000@www.SCM30k.com>;tag=97186c7a-Nca0-7247044 Call-ID: AAg9YMD0APQSnwAAAAAAAA-2c30-00007b CSeq: 1 BYE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-92981-23ca2278-1fa52d01 Contact: <sip:1000@23.30.165.10:5060> Server: SAMSUNG-SMG-iBG2016/2.11.4.7 Content-Length: 0</p>
Absence	<p>Absence</p>  <pre> sequenceDiagram participant A as 23.30.165.21 participant B as 23.30.160.170 A->>B: INVITE SDP 0 B-->A: 100 Trying A->>B: 183 Session Progress SDP 0 A->>B: SRTP (q711A) A->>B: SRTP (q711A) A->>B: 480 Temporarily Unavailable B-->A: ACK </pre>

(Continued)

No.	Feature
Absence	<pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c To: <sip:10003@www.SCM30k.com> Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 v=0 o=SAMSUNG_IP_PHONE 1334673246 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20060 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:e1N+TydrpGE5dNNO0DbuuQPcYkpuXL1PtJh2X1EC a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:rLHimiR8Q3AqipTyKDr9Y/7RX+BuypFuxuNoQJXx </pre>

(Continued)

No.	Feature
Absence	<pre> SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c To: <sip:10003@www.SCM30k.com> Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 SIP/2.0 183 Session Progress From: "Michael"<sip:010001@www.SCM30k.com>;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c To: <sip:10003@www.SCM30k.com>;tag=6132a366-923e-4f6a-99eb-422104f04bed Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 254 v=0 o=10003 100054 100054 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:hethonY+ggEY7GnU/FIJeQ/w/NrBez5GFfVBHeZH SIP/2.0 480 Temporarily Unavailable From: "Michael"<sip:010001@www.SCM30k.com>;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c </pre>

(Continued)

No.	Feature
Absence	<p>To: <sip:10003@www.SCM30k.com>;tag=6132a366-923e-4f6a-99eb-422104f04bed Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c CSeq: 1 INVITE Reason: Q.850 ;cause=21 ;text="Call Rejected" Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1438c-4efdc7a-3a8194ee Content-Length: 0</p> <p>ACK sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=570ff0-15a51e17-13c4-50022-1438c-59c9fa8c-1438c To: <sip:10003@www.SCM30k.com>;tag=6132a366-923e-4f6a-99eb-422104f04bed Call-ID: 579338-15a51e17-13c4-50022-1438c-40399a0e-1438c CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-1438c-4efdc7a-3a8194ee Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</p>
Call Pickup	<p>call pickup</p>  <p>The diagram illustrates a SIP call sequence between two endpoints: 23.30.165.21 and 23.30.165.17. The sequence starts with an INVITE (SDP) from 23.30.165.21 to 23.30.165.17, which responds with 100 Trying. This is followed by another INVITE (SDP) from 23.30.165.21 to 23.30.165.17, which responds with 100 Trying and then 180 Ringing. A NOTIFY message is sent from 23.30.165.21 to 23.30.165.17, which responds with 200 OK. The call is then cancelled by 23.30.165.21 sending a CANCEL message to 23.30.165.17, which responds with 200 OK (SDP). Finally, 23.30.165.21 sends a BYE message to 23.30.165.17, which responds with 200 OK. A 487 Request Terminated message is also shown as part of the sequence.</p>

(Continued)

No.	Feature
Call Pickup	<pre> INVITE sip:020001@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: <sip:020001@www.SCM30k.com> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334676208 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20018 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ERSsF3jEGMVZDCsd+rwg7Mz1dSCiqMU7ldYbP2ir a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:j2uzzePcBaYpXkGnX6AZh/i8avosF9TCzjqIq0kA </pre>

(Continued)

No.	Feature
Call Pickup	<pre> m=video 25018 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:gi6xvFEV1zW1BA5KIaw9uIay7H3vWJC40zfs35gp a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:XcGv8x9RpKM2o1RZ3ALtE6vYF2ESCqVv98/FbNOr SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: <sip:020001@www.SCM30k.com> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d-51d0cd6-50b3af2e Contact: <sip:020001@www.SCM30k.com> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79-6327fc33 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 </pre>

(Continued)

No.	Feature
Call Pickup	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334676208 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20018 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 aptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ERSsF3jEGMVZDCsd+rwg7MzldSCiqMU7ldYbP2ir a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:j2uzzePcBaYpXkGnX6AZh/i8avosF9TCzjqIq0kA m=video 25018 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:gi6xvFEVlzW1BA5KIaw9uIay7H3vWJC40zfs35gp a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:XcGv8x9RpKM2o1RZ3ALtE6vYF2ESCqVv98/FbNOr SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc- 9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 294a4f57-4568-494a-b097- 3e3081ae78a0@www.SCM30k.com </pre>

(Continued)

No.	Feature
Call Pickup	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438- 281a7b79-6327fc33 Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc- 9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0d90- 11a51e17-13c4-50022-266935-7b40a802-266935 Call-ID: 294a4f57-4568-494a-b097- 3e3081ae78a0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438- 281a7b79-6327fc33 Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: <sip:020001@www.SCM30k.com>;tag=a3d52e8b-7394-458d- 9d30-a459c1f8bac3 Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 INVITE </pre>

(Continued)

No.	Feature
Call Pickup	<pre> P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d- 51d0cd6-50b3af2e Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:020001@www.SCM30k.com>;tag=a3d52e8b-7394- 458d-9d30-a459c1f8bac3 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7cb7- d236855 Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 198 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=a3d52e8b-7394- 458d-9d30-a459c1f8bac3 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 NOTIFY </pre>

(Continued)

No.	Feature
Call Pickup	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438- 281a7cb7-d236855 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 INVITE sip:%23%23@www.SCM30k.com SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727- 433f72ec-760801e6 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i2205S/T01.58 Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 478 v=0 o=SAMSUNG_IP_PHONE 1334676236 0 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20116 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 </pre>

(Continued)

No.	Feature
Call Pickup	<pre> a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:0M+iGYwaGeYeFWPq9e9K4SWjrGQ1FGcY5a7LU02o a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:+yU1xh2qUJEc2igy/3j0MRxoz0k1p3DyhhyiVjI4 SIP/2.0 100 Trying From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128-9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com> Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb-113727 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727-433f72ec-760801e6 Contact: <sip:%23%23@www.SCM30k.com> Content-Length: 0 CANCEL sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.SCM30k.com CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79-6327fc33 Reason: SIP ;cause=200 ;text="Call completed elsewhere" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: <sip:020001@www.SCM30k.com>;tag=42f8f5ac-b927-4591-a9ed-a6164853789a </pre>

(Continued)

No.	Feature
Call Pickup	<pre> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-14f1d- 51d0cd6-50b3af2e Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 280 v=0 o=10003 1334676236 0 IN IP4 23.30.165.9 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 a=sendrecv m=audio 20116 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:0M+iGYwaGeYeFWPq9e9K4SWjrGQlFGcY5a7LU02o m=video 0 RTP/AVP SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com>;tag=58ab573a-1a91-42f0- alec-ff3f639f952e Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 1 INVITE Supported: replaces, timer Reason: Control ;cause=200 ;text="020001 당겨받기 " ;charset=euc-kr Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH </pre>

(Continued)

No.	Feature
Call Pickup	<pre> P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113727- 433f72ec-760801e6 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 264 v=0 o=010001 1334676208 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20018 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ERSsF3jEGMVZDCsd+rwg7Mz1dSCiqMU7ldYbP2ir SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc- 9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0d90- 11a51e17-13c4-50022-266935-7b40a802-266935 Call-ID: 294a4f57-4568-494a-b097- 3e3081ae78a0@www.SCM30k.com CSeq: 1 CANCEL Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438- 281a7b79-6327fc33 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Call Pickup	<pre> SIP/2.0 487 Request Terminated From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935 Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4438-281a7b79-6327fc33 Supported: timer,replaces Reason: SIP ;cause=200 P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=e9428bfc-9fd0-437c-9ce6-0fcc71dfba5b To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0d90-11a51e17-13c4-50022-266935-7b40a802-266935 Call-ID: 294a4f57-4568-494a-b097-3e3081ae78a0@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4438-281a7b79-6327fc33 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360-15a51e17-13c4-50022-14f1d-11e715cc-14f1d To: <sip:020001@www.SCM30k.com>;tag=42f8f5ac-b927-4591-a9ed-a6164853789a </pre>

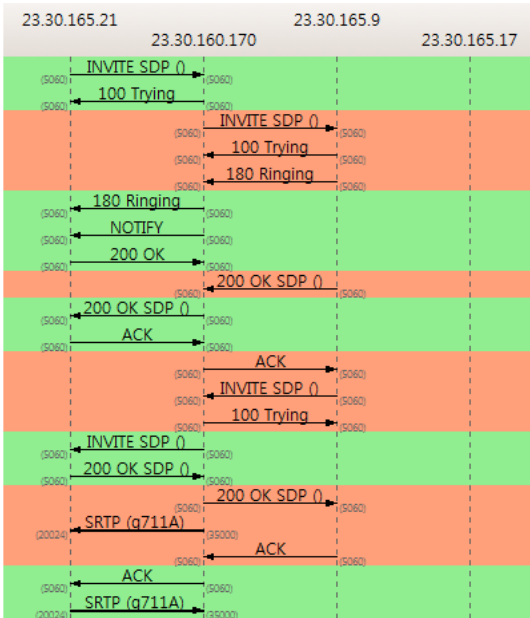
(Continued)

No.	Feature
Call Pickup	<pre> Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK- 14f20-51d1762-39c1ebfb Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 ACK sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com>;tag=58ab573a-1a91-42f0- alec-ff3f639f952e Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK- 113727-433f7382-561d31e7 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:10003@23.30.165.9> Allow-Events: talk,hold Content-Length: 0 BYE sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com>;tag=58ab573a-1a91-42f0- alec-ff3f639f952e Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11372c- 433f850c-7a54f67d </pre>

(Continued)

No.	Feature
Call Pickup	<pre> Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=10130128- 9a51e17-13c4-50022-113727-13b5aab1-113727 To: <sip:%23%23@www.SCM30k.com>;tag=58ab573a-1a91-42f0- alec-ff3f639f952e Call-ID: 1014c240-9a51e17-13c4-50022-113727-6d034adb- 113727 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11372c- 433f850c-7a54f67d Content-Length: 0 BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:020001@www.SCM30k.com>;tag=42f8f5ac-b927- 4591-a9ed-a6164853789a To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a443f-281a97de- 22daf834 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=42f8f5ac-b927- 4591-a9ed-a6164853789a To: "Michael"<sip:010001@www.SCM30k.com>;tag=56d360- 15a51e17-13c4-50022-14f1d-11e715cc-14f1d Call-ID: 574b58-15a51e17-13c4-50022-14f1d-36bf814e-14f1d CSeq: 2 BYE </pre>

(Continued)

No.	Feature
Call Pickup	<p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a443f-281a97de-22daf834</p> <p>Supported: timer,replaces</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p>
Call Transfer-blind	<p>call transfer-blind</p>  <p>The diagram illustrates a call transfer sequence. It involves four IP addresses: 23.30.165.21, 23.30.160.170, 23.30.165.9, and 23.30.165.17. The sequence starts with an INVITE SDP () from 23.30.165.21 to 23.30.160.170, followed by a 100 Trying response. Then, another INVITE SDP () is sent from 23.30.165.21 to 23.30.165.9, with 100 Trying and 180 Ringing responses. A NOTIFY message is sent from 23.30.165.21 to 23.30.160.170, which responds with 200 OK. This is followed by a 200 OK SDP () from 23.30.165.21 to 23.30.165.9, and an ACK from 23.30.165.9 to 23.30.160.170. Next, an INVITE SDP () is sent from 23.30.165.21 to 23.30.165.17, with 100 Trying and 180 Ringing responses. A 200 OK SDP () is sent from 23.30.165.21 to 23.30.165.17, followed by an ACK from 23.30.165.17 to 23.30.160.170. Finally, SRTP (q711A) is sent from 23.30.165.21 to 23.30.165.17, and an ACK is sent from 23.30.165.17 to 23.30.160.170.</p>

(Continued)

No.	Feature
Call Transfer-blind	
	<pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 To: <sip:10003@www.SCM30k.com> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075- 5224c96-78271e5b Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334676552 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20022 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25022 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 To: <sip:10003@www.SCM30k.com> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4590-281fbb0b-4fae0ad4 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 765 v=0 o=010001 1334676552 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20022 RTP/SAVP 8 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25022 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=fmtp:34 CIF=2;QCIF=2 a=rtpmap:98 MP4V-ES/90000 a=fmtp:98 profile-level-id=2 a=rtpmap:99 H264/90000 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590- 281fbb0b-4fae0ad4 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590-281fbb0b-4fae0ad4 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 To: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075-5224c96-78271e5b Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 NOTIFY</p>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4590-281fbc56- 5d1bb1b2 Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 197 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590- 281fbc56-5d1bb1b2 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> To: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4590- 281fbb0b-4fae0ad4 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 292 v=0 o=SAMSUNG_IP_PHONE 1334676578 1 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20118 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ENEceC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1 m=video 0 RTP/SAVP 34 98 99 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 To: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-15075- 5224c96-78271e5b Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 280 v=0 o=10003 1334676578 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20118 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:EneCeC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1 m=video 0 RTP/SAVP 34 98 99 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 To: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK- 15077-522548e-709242e6 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4592-281fc2f8-48f28979 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886-4344ce36-45d99354 P-Sec-Event: scm-csta;type="transfer" Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i2205S/T01.58 Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 422 </pre>

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No.	Feature
Call Transfer-blind	<pre> v=0 o=SAMSUNG_IP_PHONE 1334676578 2 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20120 RTP/SAVP 8 0 18 9 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:EneCeC3x9Kzfdia6I2F/4HT5eANrd+u4pD7NnTf1 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:vbhsy5/5rqFmuvQqX8sIjdTg/jb6SgIqP5pzv/48 SIP/2.0 100 Trying From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886- 4344ce36-45d99354 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4599-281fe0e1- e574b6d </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 486 v=0 o=10003 100078 100078 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 18 0 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=rtpmap:0 PCMU/8000 a=ptime:20 a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCAC a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCAC a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:suj4lzLFmywIAIABwf/Vo+pYtDunjTVoxrI/sCACzn5LnMX12 LA= SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a4599- 281fe0e1-e574b6d Supported: timer,replaces Require: timer </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 265 v=0 o=SAMSUNG_IP_PHONE 1334676552 1 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20024 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iX1bR1A3SY6x492rPAZh84b2eY+YW5/jgx SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.SCM30k.com CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-113886- 4344ce36-45d99354 Contact: <sip:010001@23.30.160.170:5060> Require: timer Session-Expires: 1800;refresher=uac Content-Type: application/sdp Content-Length: 264 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre>v=0 o=010001 1334676552 1 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=inactive m=audio 20024 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3wliXlbrlA3SY6x492rPAZh84b2eY+YW5/jgx ACK sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK-113886-4344ceae-2ecbccad Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:10003@23.30.165.9> Allow-Events: talk,hold Content-Length: 0 ACK sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a4599-281fe14c-2716525a Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0</pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> INVITE sip:020001@www.SCM30k.com SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8- 9a51e17-13c4-50022-11388c-7760c582-11388c To: <sip:020001@www.SCM30k.com> Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c- 11388c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c- 4344e4d4-56b41ae3 Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i2205S/T01.58 Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 478 v=0 o=SAMSUNG_IP_PHONE 1334676593 0 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20122 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:SQIZgRgSiCikEVShOvf6ebKnLOCZibkgVJZuJyen a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:zNzyPUigfoUllJi3X+0YqDwTMh7msjQHL7fIuNp/ </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> SIP/2.0 100 Trying From: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c To: <sip:020001@www.SCM30k.com> Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-4344e4d4-56b41ae3 Contact: <sip:020001@www.SCM30k.com> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a459f-281ff77e-e4793cf P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 363 v=0 o=10003 1334676593 0 IN IP4 23.30.165.9 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 a=sendrecv m=audio 20122 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:SQIZgRgSiCikEVShOvf6ebKnIOCZibkgVJZuJyen a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:zNzyPUigfoUllJi3X+0YqDwTMh7msjQHL7fIuNp/ SIP/2.0 100 Trying From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f-281ff77e-e4793cf Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f-281ff77e-e4793cf Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8- 9a51e17-13c4-50022-11388c-7760c582-11388c To: <sip:020001@www.SCM30k.com>;tag=9b2191b5-22f1-4c64- a953-1e68236e0355 Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c- 11388c CSeq: 1 INVITE P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c- 4344e4d4-56b41ae3 Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 NOTIFY sip:10003@23.30.165.9 SIP/2.0 From: <sip:020001@www.SCM30k.com>;tag=9b2191b5-22f1- 4c64-a953-1e68236e0355 To: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8- 9a51e17-13c4-50022-11388c-7760c582-11388c Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c- 11388c CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a459f-281ff899- 40244f5d Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 198 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=9b2191b5-22f1- 4c64-a953-1e68236e0355 To: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8- 9a51e17-13c4-50022-11388c-7760c582-11388c Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c- 11388c CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f- 281ff899-40244f5d Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:10003@23.30.165.9> Allow-Events: talk,hold Content-Length: 0 REFER sip:010001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8- 9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c- 922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5- 80d5aa3f4557@www.SCM30k.com CSeq: 2 REFER Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388d- 4344ea56-22180b5f Refer-To: <sip:020001@www.SCM30k.com?Replaces=1014c600- 9a51e17-13c4-50022-11388c-16c1aa9c-11388c%3Bto- tag%3D9b2191b5-22f1-4c64-a953-1e68236e0355%3Bfrom- tag%3D10130ab8-9a51e17-13c4-50022-11388c-7760c582- 11388c> </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Referred-By: <sip:10003@www.SCM30k.com> Max-Forwards: 70 Supported: timer,replaces Contact: <sip:10003@23.30.165.9> Content-Length: 0 SIP/2.0 487 Request Terminated From: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c To: <sip:020001@www.SCM30k.com>;tag=9b2191b5-22f1-4c64-a953-1e68236e0355 Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388c-4344e4d4-56b41ae3 Content-Length: 0 SIP/2.0 202 Accepted From: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d To: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 2 REFER Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-11388d-4344ea56-22180b5f Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 BYE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 2 BYE </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe53-3250e350 Max-Forwards: 70 Content-Length: 0 INFO sip:020001@23.30.165.17 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 2 INFO Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe53-e3995ee Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/vnd.sec-display Content-Length: 48 Text="010001,\n transfer from 10003 " Charset=euc-kr INVITE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe55-2cfdd46c Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 486 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre>v=0 o=10003 100079 100079 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 18 0 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=rtpmap:0 PCMU/8000 a=ptime:20 a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:5B5PC5DoiweCIp1Yh+mXwnvNSOYmUbIoh2aDliCh a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:5B5PC5DoiweCIp1Yh+mXwnvNSOYmUbIoh2aDliCh a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:5B5PC5DoiweCIp1Yh+mXwnvNSOYmUbIoh2aDliCh8jNE2WXts BD= SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1- 281ffe55-2cfdd46c Supported: timer,replaces Require: timer P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 265</pre>

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No.	Feature
Call Transfer-blind	<pre>v=0 o=SAMSUNG_IP_PHONE 1334676552 2 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20026 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbRlA3SY6x492rPAZh84b2eY+YW5/jgx ACK sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a1-281ffe75-3f372a5 Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 ACK sip:020001@www.SCM30k.com SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10130ab8-9a51e17-13c4-50022-11388c-7760c582-11388c To: <sip:020001@www.SCM30k.com>;tag=9b2191b5-22f1-4c64-a953-1e68236e0355 Call-ID: 1014c600-9a51e17-13c4-50022-11388c-16c1aa9c-11388c CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.9:5060;rport;branch=z9hG4bK-11388c-4344e4d4-56b41ae3 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i2205S/T01.58 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:10003@23.30.165.9> Allow-Events: talk,hold Content-Length: 0</pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 2 INFO Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1-281ffe53-e3995ee Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:020001@23.30.165.17> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=b633cd7c-922e-4ce8-98d6-c16a53bfa279 To: "10003"<sip:10003@www.SCM30k.com>;tag=10132dc8-9a51e17-13c4-50022-11387d-4b2fb656-11387d Call-ID: f1236382-f2a0-4137-93b5-80d5aa3f4557@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a1-281ffe53-3250e350 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Call-ID: 77c059ba-45f3-40f9-8c93- 4b1f64dc1559@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a459f- 281ff77e-e4793cf Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 265 v=0 o=SAMSUNG_IP_PHONE 1334676580 1 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20074 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P ACK sip:020001@23.30.165.17 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7- 4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598- 11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93- 4b1f64dc1559@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201b81- 1fa99437 Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> INVITE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 4 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201b82- 3849ee45 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Length: 0 SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440- b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350- 15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 4 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a8- 28201b82-3849ee45 Supported: timer,replaces Require: timer P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre>v=0 o=SAMSUNG_IP_PHONE 1334676552 3 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20028 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iX1bR1A3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25028 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fNBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR INVITE sip:020001@23.30.165.17 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a8-28201ba8-7324a901</pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 913 v=0 o=010001 1334676552 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 m=audio 20028 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:jh+3w1iXlbr1A3SY6x492rPAZh84b2eY+YW5/jgx a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:ToJOJEQ8pNWcb4jWjx86pYrVn5mpvDm7Hh79ZaIi m=video 25028 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:m+tIkosOIT6C7cBGSozj7Ep9s57GLceWAoU1CoX3 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:fnBsOjW0bFAwUSRxr4b0C+iQ2jnVHIFm02b9jXwR </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45a8-28201ba8-7324a901 Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 350 v=0 o=SAMSUNG_IP_PHONE 1334676580 2 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20076 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P m=video 0 RTP/SAVP 34 98 99 ACK sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 </pre>

(Continued)

No.	Feature
Call Transfer-blind	<pre> Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 4 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a9-28201cab- 6e462bfe Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 338 v=0 o=020001 1334676580 2 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20076 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ld+jMtqckJOxTkyMx03GV9E0K8QiAhFy0hwsVU3P m=video 0 RTP/SAVP 34 98 99 ACK sip:020001@23.30.165.17 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7- 4d58-4c08-8179-79bc28ffc39c To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598- 11a51e17-13c4-50022-266a9d-58ddb123-266a9d Call-ID: 77c059ba-45f3-40f9-8c93- 4b1f64dc1559@www.SCM30k.com CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45a9-28201cab- 4ef1733a Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 BYE sip:010001@23.30.160.170:5060 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598- 11a51e17-13c4-50022-266a9d-58ddb123-266a9d </pre>

(Continued)

No.	Feature
Call Transfer-blind	<p>To: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.17:5060;rport=5060;branch=z9hG4bK-266aaa-9610ab08-a7e10aa Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5220S/V01.52 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 200 OK From: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a0598-11a51e17-13c4-50022-266a9d-58ddb123-266a9d To: "10003"<sip:10003@www.SCM30k.com>;tag=6e5352c7-4d58-4c08-8179-79bc28ffc39c Call-ID: 77c059ba-45f3-40f9-8c93-4b1f64dc1559@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.17:5060;rport=5060;branch=z9hG4bK-266aaa-9610ab08-a7e10aa Content-Length: 0</p> <p>BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 5 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a45ad-28202dd9-3f4fe894 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0</p>

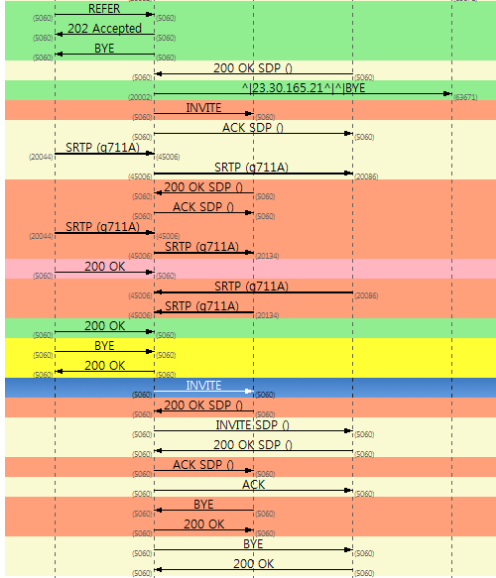
(Continued)

No.	Feature
<p>Call Transfer-blind</p>	<p>SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=bbc22195-ab7d-4440-b6f9-73b158d8c339 To: "Michael"<sip:010001@www.SCM30k.com>;tag=56e350-15a51e17-13c4-50022-15075-4705418d-15075 Call-ID: 574f18-15a51e17-13c4-50022-15075-374cc2ff-15075 CSeq: 5 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a45ad-28202dd9-3f4fe894 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p>
<p>Call Transfer-Consultation</p>	<p>call transfer-consultative</p>  <p>The diagram illustrates the SIP signaling sequence for a call transfer-consultative feature. It involves four IP addresses: 23.30.165.21, 23.30.160.170, 23.30.165.9, and 23.30.165.17. The sequence includes multiple INVITE, 100 Trying, 180 Ringing, NOTIFY, 200 OK, ACK, SRTP, and BYE messages between the endpoints, showing the progression of the call transfer process.</p>

(Continued)

No.	Feature
Conference-Adhoc	<p>conference-adhoc</p> <p>The diagram illustrates the signaling sequence for the 'conference-adhoc' feature. It involves five IP addresses: 23.30.165.21, 23.30.160.170, 23.30.165.9, 23.30.165.17, and 23.30.165.30. The sequence includes multiple INVITE, 100 Trying, 180 Ringing, NOTIFY, 200 OK, 200 OK SDP, ACK, SRTP (g711A), REFER, 202 Accepted, and BYE messages. The diagram is color-coded by time intervals: green (0-10s), orange (10-20s), yellow (20-30s), pink (30-40s), and light green (40-50s).</p>

(Continued)

No.	Feature
Conference-Adhoc	 <pre> INVITE sip:10003@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> v=0 o=SAMSUNG_IP_PHONE 1334689386 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20036 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:Y+o4gc5TR2Ss0ZTLSDwUF6Eo1fHx36+/nD8d193j a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:u2x08M7GYzo+EK1YV9rVmk32JVicFF5fMbY1zSpH SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com> Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f Contact: <sip:10003@www.SCM30k.com> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b0-28e38aa6-707ad1bd </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 366 v=0 o=010001 1334689386 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20036 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:Y+o4gc5TR2Ss0ZTLSDwUF6EolfHx36+/nD8d193j a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:u2x08M7GYZo+EK1YV9rVmk32JVicFF5fMbY1zSpH SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0- 28e38aa6-707ad1bd Supported: timer,replaces P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>Allow: INVITE, ACK, CANCEL, BYE, INFO, UPDATE, REFER, SUBSCRIBE, NOTIFY, PUBLISH</p> <p>Allow-Events: talk, hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42</p> <p>To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f</p> <p>Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.SCM30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0-28e38aa6-707ad1bd</p> <p>Supported: timer, replaces</p> <p>P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com></p> <p>Contact: <sip:10003@23.30.165.9></p> <p>Allow: INVITE, ACK, CANCEL, BYE, INFO, UPDATE, REFER, SUBSCRIBE, NOTIFY, PUBLISH</p> <p>Allow-Events: talk, hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298</p> <p>To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p> <p>Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com></p> <p>Via: SIP/2.0/UDP</p> <p>23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298-5e62364-2e40c6f</p> <p>Contact: <sip:10003@23.30.160.170:5060></p> <p>Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0</p> <p>From: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794</p>

(Continued)

No.	Feature
Conference-Adhoc	<pre> To: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b1-28e38bce- 68d87e2b Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 197 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*16110003" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b1- 28e38bce-68d87e2b Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b0- 28e38aa6-707ad1bd Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 263 v=0 o=SAMSUNG_IP_PHONE 1334689412 1 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20130 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAR4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 INVITE </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre>Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-18298- 5e62364-2e40c6f Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 251 v=0 o=10003 1334689412 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20130 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAR4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK- 1829a-5e6299a-4549039a Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b2-28e390d8- 51fac2d6 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b- 5e62ea4-60eb6386 P-Sec-Event: scm-csta;type="conference" Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 452 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre>v=0 o=SAMSUNG_IP_PHONE 1334689386 1 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20038 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:Y+o4gc5TR2Ss0ZTLSDwUF6EolfHx36+/nD8d193j a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:u2x08M7GYZo+EK1YV9rVmk32JViCFF5fMbY1zSpH SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b-5e62ea4-60eb6386 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b3-28e395e2-16179d4e</pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 487 v=0 o=010001 100081 100081 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35000 RTP/SAVP 8 18 0 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=rtpmap:0 PCMU/8000 a=ptime:20 a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:OXVc3/LdE1OkNbBIyJrx3uWyyqCCvXX24FDopko2t a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:OXVc3/LdE1OkNbBIyJrx3uWyyqCCvXX24FDopko2t a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:OXVc3/LdE1OkNbBIyJrx3uWyyqCCvXX24FDopko2tCanfL+wjT F0= SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b3- 28e395e2-16179d4e </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 263 v=0 o=SAMSUNG_IP_PHONE 1334689412 2 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20132 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAR4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829b- 5e62ea4-60eb6386 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 261 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> v=0 o=10003 1334689412 2 IN IP4 23.30.165.9 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 a=inactive m=audio 20132 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAR4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-1829b-5e62f30-4ff19662 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.SCM30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b3-28e39666-590e726f </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:020001@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 v=0 o=SAMSUNG_IP_PHONE 1334689393 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20040 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooelT71kUfsgyNHb4 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com> Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f Contact: <sip:020001@www.SCM30k.com> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b7-28e3a378-357c8286 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 366 </pre>

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No.	Feature
Conference-Adhoc	<pre> v=0 o=010001 1334689393 0 IN IP4 23.30.165.21 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 a=sendrecv m=audio 20040 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 aptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooelT71kUfsgyNHb4 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7-28e3a378-357c8286 Supported: timer,replaces P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7-28e3a378-357c8286</p> <p>Supported: timer,replaces</p> <p>P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com></p> <p>Contact: <sip:020001@23.30.165.17></p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e</p> <p>To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53</p> <p>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e</p> <p>CSeq: 1 INVITE</p> <p>P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com></p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e-5e63c3c-418c39f</p> <p>Contact: <sip:020001@23.30.160.170:5060></p> <p>Content-Length: 0</p> <p>NOTIFY sip:010001@23.30.165.21 SIP/2.0</p> <p>From: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53</p> <p>To: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e</p> <p>Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e</p> <p>CSeq: 1 NOTIFY</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77b7-28e3a4c5-575ef284</p>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Event: scm- softmenu;version="SCMxpress_1.0.0";type=update-softmenu- volatile Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/scm-profile+xml Content-Length: 198 <?xml version="1.0"?> <scm-softmenu> <temporary> <charset>euc-kr</charset> <function idx="1" display="Call Back" attribute="spd" num="*161020001" enable="1"/> </temporary> </scm-softmenu> SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458- 4e00-alee-a618b1dbcc53 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38- 15a51e17-13c4-50022-1829e-7634e161-1829e Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 NOTIFY Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7- 28e3a4c5-575ef284 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77b7- 28e3a378-357c8286 Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 265 v=0 o=SAMSUNG_IP_PHONE 1334689405 1 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20082 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38- 15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00- a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-1829e- 5e63c3c-418c39f </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 253 v=0 o=020001 1334689405 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20082 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIIInR+e4RUclXyNg7pbW ACK sip:020001@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-alee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a1-5e6484e-452134e4 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0 ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 1 ACK </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77ba-28e3af89- 516016e9 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0 INVITE sip:020001@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38- 15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00- alee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3- 5e64cc2-1f02ac4a P-Sec-Event: scm-csta;type="conference-ready" Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 452 v=0 o=SAMSUNG_IP_PHONE 1334689393 1 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20042 RTP/SAVP 8 0 18 9 102 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 </pre>

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No.	Feature
Conference-Adhoc	<pre> a=rtpmap:102 iLBC/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:ng+xoVCM3nc4hqZQTQYcCUURZ0ffubUc9gsNpHop a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:wzqkyXLE/FrcY9Ffx9KRUzhooelT71kUfsgyNHb4 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64cc2-1f02ac4a Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b400-4e332c0b Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 487 </pre>

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No.	Feature
Conference-Adhoc	<pre> v=0 o=010001 100082 100082 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35004 RTP/SAVP 8 18 0 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=rtpmap:0 PCMU/8000 a=ptime:20 a=sendonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:84Lc157d86YvT8+xQE21V9Lsfh+YhMF3g337z/wI a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:84Lc157d86YvT8+xQE21V9Lsfh+YhMF3g337z/wI a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:84Lc157d86YvT8+xQE21V9Lsfh+YhMF3g337z/wI2Fo4WMrTd O6= SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bb- 28e3b400-4e332c0b Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 265 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> v=0 o=SAMSUNG_IP_PHONE 1334689405 2 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20084 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=recvonly a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 INVITE Supported: replaces, timer P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64cc2-1f02ac4a Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 264 v=0 o=020001 1334689405 2 IN IP4 23.30.165.17 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 a=inactive m=audio 20084 RTP/SAVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=inactive a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>ACK sip:020001@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a3-5e64d3a-578bf8f6 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</p> <p>ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b475-73a62a10 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0</p> <p>INVITE sip:*89@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com> Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd</p>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 v=0 o=SAMSUNG_IP_PHONE 1334689397 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20044 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:BggUwdEjsS1ItOAHqJjSX9zSGODtr5I6rgTC34+X a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:PwwRDSf7INYYITSGbguwL/AZqbN82NaIzUWONuyD SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960- 15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com> Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3- 5e64e02-152f9cd Contact: <sip:*89@www.SCM30k.com> Content-Length: 0 </pre>

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No.	Feature
Conference-Adhoc	<pre> INVITE sip:*89@www.SCM30k.com:5090 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db- 00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com> Call-ID: 39aa4999-1c2c-40a2-9d68- 9930aadae7a9@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bb-28e3b575- 72e7895 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 496 v=0 o=010001 1334689397 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 m=audio 20044 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:BgqUwdEjsS1ItOAHqJjSX9zSGODtr5I6rgTC34+X a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:PwwRDSf7INYYITSGbguwL/AZqbN82NaIzUW0NuyD </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com>;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bb-28e3b575-72e7895 Contact: <sip:*89@www.SCM30k.com:5090>;isfocus Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com>;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd Contact: <sip:*89@23.30.160.170:5060>;isfocus Content-Length: 0</p> <p>SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com>;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bb-28e3b575-72e7895 Contact: <sip:890004@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 321</p>

(Continued)

No.	Feature
Conference-Adhoc	<pre> v=0 o=890004@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com>;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 INVITE Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64e02-152f9cd Contact: <sip:890004@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 313 v=0 o=890004 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>ACK sip:890004@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com>;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-182a3-5e64f6a-2c35fa95 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010001@23.30.165.21> Allow-Events: talk,hold Content-Length: 0</p> <p>ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db-00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com>;tag=b4f7b3a0-0-13e2-50022-a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68-9930aadae7a9@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b6a8-28ea9fa2 Max-Forwards: 70 Contact: <sip:010001@23.30.160.170:5060> Content-Length: 0</p> <p>REFER sip:020001@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-a1ee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 3 REFER Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64fce-12b18d19</p>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Refer-To: <sip:890004@www.SCM30k.com> Referred-By: <sip:010001@www.SCM30k.com> Max-Forwards: 70 Supported: timer,replaces Contact: <sip:010001@23.30.165.21> Content-Length: 0 SIP/2.0 202 Accepted From: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e To: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-alee-a618b1dbcc53 Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 3 REFER Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3-5e64fce-12b18d19 Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-alee-a618b1dbcc53 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b710-3f6e83e5 Max-Forwards: 70 Content-Length: 0 INVITE sip:890004@www.SCM30k.com:5090 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com> Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b711-4ee96948 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Supported: 100rel, timer Max-Forwards: 70 Allow: UPDATE Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 220 v=0 o=020001 100083 100083 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35999 RTP/AVP 0 8 18 a=rtpmap:0 PCMU/8000 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=ptime:20 a=sendrecv SIP/2.0 180 Ringing From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bc-28e3b711-4ee96948 Contact: <sip:890004@www.SCM30k.com:5090>;isfocus Content-Length: 0 SIP/2.0 200 OK From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch= z9hG4bK-a77bc-28e3b711-4ee96948 Contact: <sip:890004@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 236 v=0 o=890004@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/AVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65- 8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0- 13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e- 82d551baa4d8@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b714- 30414231 Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b715- 88ac167 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE ,PUBLISH Reason: Control ;cause=200 ;text="conference" Supported: replaces, timer Max-Forwards: 70 Contact: <sip:890004@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Length: 0 REFER sip:10003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 3 REFER Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3- 5e65028-62d3aac Refer-To: <sip:890004@www.SCM30k.com> Referred-By: <sip:010001@www.SCM30k.com> Max-Forwards: 70 Supported: timer,replaces Contact: <sip:010001@23.30.165.21> Content-Length: 0 SIP/2.0 202 Accepted From: "Michael"<sip:010001@www.SCM30k.com>;tag=572310- 15a51e17-13c4-50022-18298-168f8b71-18298 To: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3- 9923-04bb1ce53794 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 3 REFER Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182a3- 5e65028-62d3aac Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> BYE sip:010001@23.30.165.21 SIP/2.0 From: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b762-5512ec52 Max-Forwards: 70 Content-Length: 0 INVITE sip:890004@www.SCM30k.com:5090 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com> Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b763-7001f341 P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Supported: 100rel, timer Max-Forwards: 70 Allow: UPDATE Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 219 v=0 o=10003 100084 100084 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 35999 RTP/AVP 0 8 18 a=rtpmap:0 PCMU/8000 a=rtpmap:8 PCMA/8000 a=rtpmap:18 G729/8000 a=ptime:20 a=sendrecv </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc- 28e3b715-88ac167 Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 480 v=0 o=SAMSUNG_IP_PHONE 1334689405 3 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20086 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 ARIA_CM_128_HMAC_SHA1_80 inline:6zbyZN6U8BE8Zxeb1MKQaM84bVpk0jKrkaGphhaP a=crypto:2 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW </pre>

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No.	Feature
Conference-Adhoc	<pre> SIP/2.0 180 Ringing From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch= z9hG4bK-a77bc-28e3b763-7001f341 Contact: <sip:890004@www.SCM30k.com:5090>;isfocus Content-Length: 0 INVITE sip:890004@23.30.160.170:5090 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65- 8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0- 13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e- 82d551baa4d8@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b766- 6b8a33ef Allow: UPDATE P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 468 v=0 o=020001 1334689405 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20086 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 ARIA_CM_128_HMAC_SHA1_80 inline:6zbyZN6U8BE8Zxeb1MKQaM84bVpk0jKrkaGphhaP a=crypto:2 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-a77bc-28e3b763-7001f341 Contact: <sip:890004@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 236 v=0 o=890004@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/AVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b767- 764e2e44 Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b768- 4af5dbaa Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Reason: Control ;cause=200 ;text="conference" Supported: replaces, timer Max-Forwards: 70 Contact: <sip:890004@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Length: 0 SIP/2.0 200 OK From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65- 8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0- 13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e- 82d551baa4d8@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc- 28e3b766-6b8a33ef Contact: <sip:890004@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 322 </pre>

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No.	Feature
Conference-Adhoc	<pre> v=0 o=890004@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:0 ARIA_CM_128_HMAC_SHA1_80 inline:2BVr1+WVcoYhEx2NapU0ai7Hfmc6kQH0RL/pljdp ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b796-2326f7d6 Max-Forwards: 70 Contact: <sip:890004@23.30.160.170:5060>;isfocus Content-Type: application/sdp Content-Length: 314 v=0 o=890004 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:0 ARIA_CM_128_HMAC_SHA1_80 inline:2BVr1+WVcoYhEx2NapU0ai7Hfmc6kQH0RL/pljdp </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65- 8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0- 13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e- 82d551baa4d8@www.SCM30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b796- fcd5497 Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 3 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc- 28e3b768-4af5dbaa Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 478 v=0 o=SAMSUNG_IP_PHONE 1334689412 3 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> t=0 0 m=audio 20134 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAR4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcrXPYD3Q7 INVITE sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7bb-205c942d Allow: UPDATE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 466 v=0 o=10003 1334689412 3 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20134 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcrXPYD3Q7 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 2 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b7bb-205c942d Contact: <sip:890004@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="Conference" Content-Type: application/sdp Content-Length: 321 v=0 o=890004@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 3 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7ca- c3ea075 Max-Forwards: 70 Contact: <sip:890004@23.30.160.170:5060>;isfocus Content-Type: application/sdp Content-Length: 313 v=0 o=890004 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45006 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:2BVrl+WVcoYhEx2NapU0ai7Hfmc6kQHoRL/pljdp ACK sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.SCM30k.com CSeq: 2 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77bc-28e3b7ca- 12ff5102 Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> SIP/2.0 200 OK From: <sip:020001@www.SCM30k.com>;tag=09663fa9-6458-4e00-alee-a618b1dbcc53 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572e38-15a51e17-13c4-50022-1829e-7634e161-1829e Call-ID: 5754b8-15a51e17-13c4-50022-1829e-294c4d93-1829e CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b710-3f6e83e5 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: <sip:10003@www.SCM30k.com>;tag=e734ef87-39f1-4cb3-9923-04bb1ce53794 To: "Michael"<sip:010001@www.SCM30k.com>;tag=572310-15a51e17-13c4-50022-18298-168f8b71-18298 Call-ID: 5752d8-15a51e17-13c4-50022-18298-75576a3-18298 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77bc-28e3b762-5512ec52 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 BYE sip:890004@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960-15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com>;tag=7b64206f-7ffb-4b2c-a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182ab-5e66df6-7cd6db49 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=573960- 15a51e17-13c4-50022-182a3-39267b87-182a3 To: <sip:*89@www.SCM30k.com>;tag=7b64206f-7ffb-4b2c- a86e-da9eaa468027 Call-ID: 575698-15a51e17-13c4-50022-182a3-5f187159-182a3 CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-182ab- 5e66df6-7cd6db49 Content-Length: 0 BYE sip:890004@23.30.160.170:5090 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db- 00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com>;tag=b4f7b3a0-0-13e2-50022- a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68- 9930aadae7a9@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d537- 109e79ea Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 REFER sip:10003@23.30.160.170:5060 SIP/2.0 From: <sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2- 50022-a77bc-4ab2d3e1-a77bc To: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031- 4183-9464-2bf15bf59bb5 Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 1 REFER Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- a77c3-28e3d539-51c521d1 Refer-To: <sip:020001@www.SCM30k.com?Replaces=ef515cc2- 1231-4724-ae4e-82d551baa4d8%40www.SCM30k.com%3Bto- tag%3D370ace65-8c3e-46c4-acf4-1c1d754351ec%3Bfrom- tag%3Db4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc> Referred-By: <sip:890004@www.SCM30k.com> Max-Forwards: 70 Contact: <sip:890004@23.30.160.170:5090> Date: Tue, 17 Apr 2012 15:20:47 GMT Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=9fb497db- 00d1-4b8d-8089-6d3c7381516f To: <sip:*89@www.SCM30k.com>;tag=b4f7b3a0-0-13e2-50022- a77bb-2caeddce-a77bb Call-ID: 39aa4999-1c2c-40a2-9d68- 9930aadae7a9@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3- 28e3d537-109e79ea Content-Length: 0 BYE sip:890004@23.30.160.170:5090 SIP/2.0 From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65- 8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0- 13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e- 82d551baa4d8@www.SCM30k.com CSeq: 3 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53a- 74206446 Max-Forwards: 70 Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> SIP/2.0 202 Accepted From: <sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc To: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 1 REFER Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-a77c3-28e3d539-51c521d1 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 BYE sip:890004@23.30.160.170:5090 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c-5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0-13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d-d792f6e5c682@www.SCM30k.com CSeq: 3 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53b-1ebb0c57 Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Sandy"<sip:020001@www.SCM30k.com>;tag=370ace65-8c3e-46c4-acf4-1c1d754351ec To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7b868-0-13e2-50022-a77bc-39ecdb04-a77bc Call-ID: ef515cc2-1231-4724-ae4e-82d551baa4d8@www.SCM30k.com CSeq: 3 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3-28e3d53a-74206446 Content-Length: 0 </pre>

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No.	Feature
Conference-Adhoc	<pre> INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 4 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d53c- 63cac865 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Length: 0 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=aa997a6c- 5031-4183-9464-2bf15bf59bb5 To: "890004"<sip:890004@www.SCM30k.com>;tag=b4f7bd30-0- 13e2-50022-a77bc-4ab2d3e1-a77bc Call-ID: 0dbc7b12-93d1-4373-883d- d792f6e5c682@www.SCM30k.com CSeq: 3 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3- 28e3d53b-1ebb0c57 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> CSeq: 4 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3- 28e3d53c-63cac865 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 478 v=0 o=SAMSUNG_IP_PHONE 1334689412 4 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 20136 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcrXPYD3Q7 INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 4 INVITE </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c3-28e3d597- 34753753 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 466 v=0 o=10003 1334689412 4 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 20136 RTP/SAVP 8 0 18 9 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:GAr4wmgSL4KyVxpbXUn19+nj2IeO3qbCfTU+a9k5 a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:/d775KiqBrZBkJyHwtfbTrPtFQmGskMcXPYD3Q7 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 4 INVITE </pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c3- 28e3d597-34753753 Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 321 v=0 o=SAMSUNG_IP_PHONE 1334689405 4 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 20088 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW ACK sip:10003@23.30.165.9 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 To: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 4 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c4-28e3d605- 42c903f8 Max-Forwards: 70 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 309 </pre>

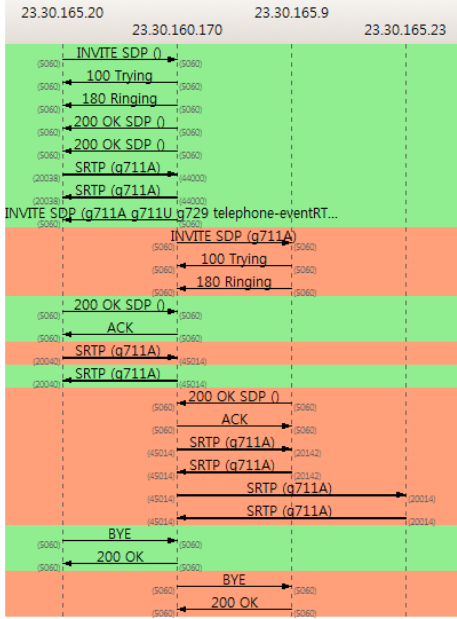
(Continued)

No.	Feature
Conference-Adhoc	<pre>v=0 o=020001 1334689405 4 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 20088 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:arE5WGA9Ob/ri+bArNALcIInR+e4RUclXyNg7pbW ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6-f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18-11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428-1a8167142037@www.SCM30k.com CSeq: 4 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c4-28e3d605-1b21befc Max-Forwards: 70 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0 BYE sip:020001@23.30.160.170:5060 SIP/2.0 From: "10003"<sip:10003@www.SCM30k.com>;tag=10131118-9a51e17-13c4-50022-116a9f-1978d19b-116a9f To: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41-df38-44e1-b248-3c019edc3c42 Call-ID: 11e2c749-aba7-4f08-8b2a-70bbb1de2d69@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-116ab4-4408d10a-55820a13 Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i2205S/T01.58</pre>

(Continued)

No.	Feature
Conference-Adhoc	<pre> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "10003"<sip:10003@www.SCM30k.com>;tag=10131118- 9a51e17-13c4-50022-116a9f-1978d19b-116a9f To: "Michael"<sip:010001@www.SCM30k.com>;tag=5481ef41- df38-44e1-b248-3c019edc3c42 Call-ID: 11e2c749-aba7-4f08-8b2a- 70bbb1de2d69@www.SCM30k.com CSeq: 1 BYE Via: SIP/2.0/UDP 23.30.165.9:5060;rport=5060;branch=z9hG4bK-116ab4- 4408d10a-55820a13 Content-Length: 0 BYE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 5 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-a77c5-28e3dc1f- 323ca2b3 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=63dee8a6- f7d3-4148-b3f3-ee46f65cc6cd To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a1f18- 11a51e17-13c4-50022-269cb6-7b3ff7d4-269cb6 Call-ID: 2ca1d6f9-a547-4bbe-9428- 1a8167142037@www.SCM30k.com CSeq: 5 BYE </pre>

(Continued)

No.	Feature
Conference-Adhoc	<p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-a77c5-28e3dc1f-323ca2b3 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p>
Conference Predefined	<p>conference-predefined</p>  <pre> INVITE sip:*481001@www.SCM30k.com SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f To: <sip:*481001@www.SCM30k.com> Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a Max-Forwards: 70 Supported: timer,replaces P-Preferred-Identity: "Jordan"<sip:010000@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> Contact: <sip:010000@23.30.165.20> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 925 v=0 o=SAMSUNG_IP_PHONE 1334754570 0 IN IP4 23.30.165.20 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.20 t=0 0 m=audio 20038 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYpAet9wlAL+lKjb+sp5StRMvq a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:IX9MmU0kvqwmLNOyksuKfK24Txm7ncefI2rI/N+G m=video 25038 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:JPpkAnw73oMa9vU0Gl+TE+nUfXfCA0YGeUrhNRPR a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:7aJu2S0zbn0qskdWtLCJCIY50tsSPgXxWneJlWcD </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> SIP/2.0 100 Trying From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f To: <sip:*481001@www.SCM30k.com> Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a Contact: <sip:*481001@www.SCM30k.com> Content-Length: 0 INVITE sip:*481001@www.SCM30k.com:5090 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: <sip:*481001@www.SCM30k.com> Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7657-2cc6447e-36a60999 P-Asserted-Identity: "Jordan" <sip:010000@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE,NOTIFY,UPDATE,PUBLISH Contact: <sip:010000@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 913 v=0 o=010000 1334754570 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.20 t=0 0 m=audio 20038 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYpAet9wlAL+lKjb+sp5StRMvq a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:IX9MmU0kvqwmLNOyksuKfK24Txm7ncefI2rI/N+G m=video 25038 RTP/SAVP 34 98 99 a=rtpmap:34 H263/90000 a=rtpmap:98 MP4V-ES/90000 a=rtpmap:99 H264/90000 a=fmtp:34 CIF=2;QCIF=2 a=fmtp:98 profile-level-id=2 a=fmtp:99 profile-level-id=42800C;packetization-mode=0 a=framerate:15.0 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:JPpkAnw73oMa9vU0G1+TE+nUfXfCA0YGeUrhNRPR a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:7aJu2S0zbn0qskdWtLCJCIY5OtsSPgXxWneJlWcD SIP/2.0 180 Ringing From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: <sip:*481001@www.SCM30k.com>;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b7657-2cc6447e-36a60999 Contact: <sip:*481001@www.SCM30k.com:5090>;isfocus Content-Length: 0 SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: <sip:*481001@www.SCM30k.com>;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 </pre>

(Continued)

No.	Feature
Conference Predefined	<p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.SCM30k.com</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b7657-2cc6447e-36a60999</p> <p>Contact: <sip:890008@23.30.160.170:5090>;isfocus</p> <p>Reason: SIP ;cause=200 ;text="Conference"</p> <p>Content-Type: application/sdp</p> <p>Content-Length: 282</p> <p>v=0</p> <p>o=890008@www.SCM30k.com 0 0 IN IP4 127.0.0.1</p> <p>s=Setup Conf</p> <p>c=IN IP4 23.30.160.170</p> <p>t=0 0</p> <p>m=audio 44000/2 RTP/SAVP 8 101</p> <p>a=rtpmap:8 PCMA/8000</p> <p>a=rtpmap:101 telephone-event/8000</p> <p>a=sendrecv</p> <p>a=crypto:1 AES_CM_128_HMAC_SHA1_80</p> <p>inline:8uk5YEd7x30biLBYpAet9w1AL+lKjb+sp5StRMvq</p> <p>SIP/2.0 180 Ringing</p> <p>From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 1 INVITE</p> <p>Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f-50b4e312-5991e99a</p> <p>Contact: <sip:*481001@23.30.160.170:5060>;isfocus</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p>

(Continued)

No.	Feature
Conference Predefined	<pre> CSeq: 1 INVITE Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a92f- 50b4e312-5991e99a Contact: <sip:890008@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 274 v=0 o=890008 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 44000/2 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYpAet9wlAL+lKjb+sp5StRMvq ACK sip:890008@23.30.160.170:5060 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8- 14a51e17-13c4-50022-14a92f-31414668-14a92f To: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34- 9cd0-6c927c32fe3e Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a- 14a92f CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.165.20:5060;rport;branch=z9hG4bK- 14a930-50b4e678-5fe91286 Max-Forwards: 70 User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Contact: <sip:010000@23.30.165.20> Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> ACK sip:890008@23.30.160.170:5090 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d- 7541-43bd-8bcf-80389a593b25 To: <sip:*481001@www.SCM30k.com>;tag=b4fc63b8-0-13e2- 50022-b7657-646d3371-b7657 Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc647e4- 1625f5d1 Max-Forwards: 70 Contact: <sip:010000@23.30.160.170:5060> Content-Length: 0 INVITE sip:010000@23.30.160.170:5060 SIP/2.0 From: <sip:890008@www.SCM30k.com>;tag=b4fc63b8-0-13e2- 50022-b7657-646d3371-b7657 To: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d- 7541-43bd-8bcf-80389a593b25 Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- b7658-2cc6480b-2491cb9a Max-Forwards: 70 Reason: SIP ;cause=200 ;text="Conference" Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Type: application/sdp Content-Length: 742 v=0 o=890008@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45014 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= SIP/2.0 100 Trying From: <sip:890008@www.SCM30k.com>;tag=b4fc63b8-0-13e2- 50022-b7657-646d3371-b7657 To: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d- 7541-43bd-8bcf-80389a593b25 Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- b7658-2cc6480b-2491cb9a Contact: <sip:010000@23.30.160.170:5060> Content-Length: 0 INVITE sip:010000@23.30.165.20 SIP/2.0 From: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be- 4f34-9cd0-6c927c32fe3e To: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8- 14a51e17-13c4-50022-14a92f-31414668-14a92f Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a- 14a92f CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc6480d- 7665957a Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH </pre>

(Continued)

No.	Feature
Conference Predefined	Reason: Control ;cause=200 ;text="conference" Supported: timer Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 734 v=0 o=890008 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45014 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCnTzHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCnTzHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCnTzHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= INVITE sip:10002@www.SCM30k.com:5060 SIP/2.0 From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0- 13e2-50022-b7658-39444507-b7658 To: <sip:10002@www.SCM30k.com:5060> Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658

(Continued)

No.	Feature
Conference Predefined	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-1b49ec84 Call-Info: <http://127.0.0.1>;purpose=predefined-conf Max-Forwards: 70 Reason: SIP ;cause=200 ;text="Conference" Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Type: application/sdp Content-Length: 742 v=0 o=890008@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45014 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnlnCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnlnCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnlnCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= SIP/2.0 100 Trying From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0- 13e2-50022-b7658-39444507-b7658 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> To: <sip:10002@www.SCM30k.com:5060> Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658 CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-1b49ec84 Contact: <sip:10002@www.SCM30k.com:5060> Content-Length: 0 INVITE sips:10002@23.30.165.23:5061;transport=TLS SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3- e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com> Call-ID: bc2aad5c-5773-4498-bf18- 3f726fa63c96@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK- b7658-2cc6480f-7db622f7 Alert-Info: <http://127.0.0.1/Scm-dr14> Call-Info: <http://127.0.0.1>;purpose=predefined-conf Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Max-Forwards: 70 Contact: <sips:890008@23.30.160.170:5061>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 608 v=0 o=890008 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 a=sendrecv m=audio 45014 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 0 101 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= INVITE sip:10003@www.SCM30k.com:5060 SIP/2.0 From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0- 13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Call-Info: <http://127.0.0.1>;purpose=predefined-conf Max-Forwards: 70 Reason: SIP ;cause=200 ;text="Conference" Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Type: application/sdp Content-Length: 742 v=0 o=890008@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45014 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 18 101 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNnnlCNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= SIP/2.0 100 Trying From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0- 13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060> Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Contact: <sip:10003@www.SCM30k.com:5060> Content-Length: 0 INVITE sip:10003@23.30.165.9 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc64810- 184bad80 Alert-Info: <http://127.0.0.1/Scm-dr14> Call-Info: <http://127.0.0.1>;purpose=predefined-conf Supported: timer Reason: Control ;cause=200 ;text="conference" Allow: UPDATE Max-Forwards: 70 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> Contact: <sip:890008@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 608 v=0 o=890008 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 a=sendrecv m=audio 45014 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45014 RTP/SAVP 8 0 0 101 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:nmYNn1cNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:nmYNn1cNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQb a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:nmYNn1cNtZHcbZBiWXWzhpheblLSfAG5Uhr1WQbP3bGErL7u yA= SIP/2.0 100 Trying From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com> Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658- 2cc64810-184bad80 Supported: timer,replaces Reason: SIP ;cause=200 ; text="conference" P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Conference Predefined	<p>Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com>;tag=101302c0- 9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658- 2cc64810-184bad80 Supported: timer,replaces Reason: SIP ;cause=200 ; text="conference" P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0- 13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060>;tag=b030bc64-e11f- 4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Contact: <sip:10003@23.30.160.170:5060> Content-Length: 0</p>

(Continued)

No.	Feature
Conference Predefined	<pre> SIP/2.0 200 OK From: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e To: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-2cc6480d-7665957a Supported: timer,replaces Require: timer P-Preferred-Identity: "Jordan"<sip:010000@www.SCM30k.com> Contact: <sip:010000@23.30.165.20> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 351 v=0 o=SAMSUNG_IP_PHONE 1334754570 1 IN IP4 23.30.165.20 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.20 t=0 0 m=audio 0 RTP/AVP 8 0 18 101 m=audio 20040 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYPaet9w1AL+lKjb+sp5StRMvq SIP/2.0 200 OK From: <sip:890008@www.SCM30k.com>;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 To: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.SCM30k.com CSeq: 1 INVITE Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH P-Asserted-Identity: "Jordan" <sip:010000@www.SCM30k.com> Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- b7658-2cc6480b-2491cb9a Contact: <sip:010000@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 339 v=0 o=010000 1334754570 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.20 t=0 0 m=audio 0 RTP/AVP 8 0 18 101 m=audio 20040 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:8uk5YEd7x30biLBYpAet9w1AL+lKjb+sp5StRMvq ACK sip:010000@23.30.160.170:5060 SIP/2.0 From: <sip:890008@www.SCM30k.com>;tag=b4fc63b8-0-13e2- 50022-b7657-646d3371-b7657 To: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d- 7541-43bd-8bcf-80389a593b25 Call-ID: 60c65254-5ae3-47cd-9919- 799691342cc6@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b7658- 2cc64980-29d8f3b5 Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> ACK sip:010000@23.30.165.20 SIP/2.0 From: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e To: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7658-2cc64981-c2c9dc9 Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5060>;isfocus Content-Length: 0 SIP/2.0 100 Trying From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3-e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com> Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7658-2cc6480f-7db622f7 Supported: timer,replaces Reason: SIP ;cause=200 ; text="conference" P-Preferred-Identity: "10002"<sips:10002@www.SCM30k.com:5061> Contact: <sips:10002@23.30.165.23:5061;transport=TLS> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3-e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com>;tag=573498-17a51e17-13c4-50022-14bd00-6e48045f-14bd00 Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7658-2cc6480f-7db622f7 </pre>

(Continued)

No.	Feature
Conference Predefined	<p>Supported: timer,replaces Reason: SIP ;cause=200 ; text="conference" P-Preferred-Identity: "10002"<sips:10002@www.SCM30k.com:5061> Contact: <sips:10002@23.30.165.23:5061;transport=TLS> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658 To: <sip:10002@www.SCM30k.com:5060>;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1 Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658 CSeq: 1 INVITE P-Asserted-Identity: "10002" <sips:10002@www.SCM30k.com> Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b7658-2cc6480c-1b49ec84 Contact: <sip:10002@23.30.160.170:5060> Content-Length: 0</p> <p>SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53-b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com>;tag=101302c0-9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c-04a106680c70@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7658-2cc64810-184bad80 Supported: timer,replaces Require: timer P-Preferred-Identity: "10003"<sip:10003@www.SCM30k.com> Contact: <sip:10003@23.30.165.9> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH</p>

(Continued)

No.	Feature
Conference Predefined	<pre> Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 340 v=0 o=SAMSUNG_IP_PHONE 1334754613 1 IN IP4 23.30.165.9 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.9 t=0 0 m=audio 0 RTP/AVP 8 m=audio 20142 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:clk5AtDyETgoYBR/YeQP1NwyjrCqE/YxicCji54G SIP/2.0 200 OK From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0- 13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060>;tag=b030bc64-e11f- 4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "10003" <sip:10003@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-5065c593 Contact: <sip:10003@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 328 v=0 o=10003 1334754613 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.9 t=0 0 m=audio 0 RTP/AVP 8 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> m=audio 20142 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:clk5AtDyETgoYBR/YeQP1NwyjrCqE/YxicCji54G ACK sip:10003@23.30.160.170:5060 SIP/2.0 From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0- 13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060>;tag=b030bc64-e11f- 4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b7659- 2cc64e77-57b560f6 Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Length: 0 ACK sip:10003@23.30.165.9 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com>;tag=101302c0- 9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7659-2cc64e78- 4c30446f Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5060> Content-Length: 0 SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3- e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com>;tag=573498- 17a51e17-13c4-50022-14bd00-6e48045f-14bd00 </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> Call-ID: bc2aad5c-5773-4498-bf18- 3f726fa63c96@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK- b7658-2cc6480f-7db622f7 Supported: timer,replaces Require: timer P-Preferred-Identity: "10002"<sips:10002@www.SCM30k.com:5061> Contact: <sips:10002@23.30.165.23:5061;transport=TLS> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 342 v=0 o=SAMSUNG_IP_PHONE 1334754572 1 IN IP4 23.30.165.23 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.23 t=0 0 m=audio 0 RTP/AVP 8 m=audio 20014 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:DN08L0PRdkY6X4+rBCAwEFcc6XqyW3uQR7SV33v0 SIP/2.0 200 OK From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0- 13e2-50022-b7658-39444507-b7658 To: <sip:10002@www.SCM30k.com:5060>;tag=cc82f6ef-6c6c- 4ffd-9a5d-0c228842d1e1 Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658 CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "10002" <sips:10002@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Conference Predefined	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b7658-2cc6480c-1b49ec84 Contact: <sip:10002@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 329 v=0 o=10002 1334754572 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.23 t=0 0 m=audio 0 RTP/AVP 8 m=audio 20014 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:DNo8L0PRdkY6X4+rBCAwEFcc6XqyW3uQR7SV33v0 ACK sip:10002@23.30.160.170:5060 SIP/2.0 From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0- 13e2-50022-b7658-39444507-b7658 To: <sip:10002@www.SCM30k.com:5060>;tag=cc82f6ef-6c6c- 4ffd-9a5d-0c228842d1e1 Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658 CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b765a- 2cc652e4-ecab4bc Max-Forwards: 70 Contact: <sip:890008@23.30.160.170:5090>;isfocus Content-Length: 0 ACK sips:10002@23.30.165.23:5061;transport=TLS SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3- e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com>;tag=573498- 17a51e17-13c4-50022-14bd00-6e48045f-14bd00 </pre>

(Continued)

No.	Feature
Conference Predefined	<p>Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.SCM30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b765a-2cc652e5-700dae2a</p> <p>Max-Forwards: 70</p> <p>Contact: <sips:890008@23.30.160.170:5061></p> <p>Content-Length: 0</p> <p>BYE sip:890008@23.30.160.170:5060 SIP/2.0</p> <p>From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a939-50b507ac-553e299d</p> <p>Max-Forwards: 70</p> <p>Supported: timer,replaces</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From: "Jordan"<sip:010000@www.SCM30k.com>;tag=56e4e8-14a51e17-13c4-50022-14a92f-31414668-14a92f</p> <p>To: <sip:*481001@www.SCM30k.com>;tag=9870f600-e3be-4f34-9cd0-6c927c32fe3e</p> <p>Call-ID: 579210-14a51e17-13c4-50022-14a92f-2990a02a-14a92f</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP 23.30.165.20:5060;rport=5060;branch=z9hG4bK-14a939-50b507ac-553e299d</p> <p>Content-Length: 0</p> <p>BYE sip:890008@23.30.160.170:5090 SIP/2.0</p> <p>From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25</p>

(Continued)

No.	Feature
Conference Predefined	<p>To: <sip:*481001@www.SCM30k.com>;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657</p> <p>Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.SCM30k.com</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>23.30.160.170:5060;rport;branch=z9hG4bK-b7660-2cc66914-56fa0954</p> <p>Reason: Q.850 ;cause=16 ;text="Normal Release"</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p> <p>BYE sip:10002@23.30.160.170:5060 SIP/2.0</p> <p>From:</p> <p>"010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658</p> <p>To: <sip:10002@www.SCM30k.com:5060>;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1</p> <p>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-7c06802e</p> <p>Max-Forwards: 70</p> <p>Content-Length: 0</p> <p>SIP/2.0 200 OK</p> <p>From:</p> <p>"010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6880-0-13e2-50022-b7658-39444507-b7658</p> <p>To: <sip:10002@www.SCM30k.com:5060>;tag=cc82f6ef-6c6c-4ffd-9a5d-0c228842d1e1</p> <p>Call-ID: b4eb49f8-0-13e2-50022-b7658-6c4bcbd1-b7658</p> <p>CSeq: 2 BYE</p> <p>Via: SIP/2.0/UDP</p> <p>15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-7c06802e</p> <p>Content-Length: 0</p> <p>BYE sip:10003@23.30.160.170:5060 SIP/2.0</p> <p>From:</p> <p>"010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0-13e2-50022-b7658-2b5a2a5-b7658</p>

(Continued)

No.	Feature
Conference Predefined	<p>To: <sip:10003@www.SCM30k.com:5060>;tag=b030bc64-e11f-4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-1d4f22ac Max-Forwards: 70 Content-Length: 0</p> <p>SIP/2.0 200 OK From: "010000"<sip:890008@www.SCM30k.com:5090>;tag=b4fc6a18-0-13e2-50022-b7658-2b5a2a5-b7658 To: <sip:10003@www.SCM30k.com:5060>;tag=b030bc64-e11f-4f20-a822-cf3069f90e3d Call-ID: b4eb4bd0-0-13e2-50022-b7658-2860c297-b7658 CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b7660-2cc66915-1d4f22ac Content-Length: 0</p> <p>BYE sips:10002@23.30.165.23:5061;transport=TLS SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3-e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com>;tag=573498-17a51e17-13c4-50022-14bd00-6e48045f-14bd00 Call-ID: bc2aad5c-5773-4498-bf18-3f726fa63c96@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK-b7660-2cc66917-546740e3 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0</p> <p>SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=7a79fe3d-7541-43bd-8bcf-80389a593b25 To: <sip:*481001@www.SCM30k.com>;tag=b4fc63b8-0-13e2-50022-b7657-646d3371-b7657 Call-ID: 60c65254-5ae3-47cd-9919-799691342cc6@www.SCM30k.com</p>

(Continued)

No.	Feature
Conference Predefined	<pre> CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7660- 2cc66914-56fa0954 Content-Length: 0 BYE sip:10003@23.30.165.9 SIP/2.0 From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com>;tag=101302c0- 9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b7660-2cc66918- 4593b9b1 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=c996e4a3- e451-4d2b-a305-f2936e287638 To: "10002"<sips:10002@www.SCM30k.com>;tag=573498- 17a51e17-13c4-50022-14bd00-6e48045f-14bd00 Call-ID: bc2aad5c-5773-4498-bf18- 3f726fa63c96@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/TLS 23.30.160.170:5061;branch=z9hG4bK- b7660-2cc66917-546740e3 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Jordan"<sip:010000@www.SCM30k.com>;tag=f2b3ed53- b981-46f8-86c5-2d206eb716b5 To: "10003"<sip:10003@www.SCM30k.com>;tag=101302c0- 9a51e17-13c4-50022-126951-7e6fb902-126951 Call-ID: 82f7c736-21f3-4c0f-b89c- 04a106680c70@www.SCM30k.com </pre>

(Continued)

No.	Feature
<p>Conference Predefined</p>	<p>CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b7660-2cc66918-4593b9b1 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p>
<p>Conference Paging</p>	<p>conference-paging</p> <pre> sequenceDiagram participant A as 23.30.165.21 participant B as 23.30.160.170 participant C as 23.30.165.7 participant D as 23.30.165.17 A->>B: INVITE SDP () B->>A: 100 Trying B->>A: 180 Ringing B->>C: INVITE SDP (g711A) C->>B: 200 OK SDP () B->>D: INVITE SDP (g711A) D->>B: 100 Trying B->>C: SRTP (g711A) C->>B: 180 Ringing C->>D: 200 OK SDP (g711A) D->>C: ACK C->>D: RTP (g711A) D->>B: 100 Trying D->>B: 180 Ringing D->>B: 200 OK SDP () B->>D: ACK B->>C: SRTP (g711A) C->>B: 200 OK SDP () B->>C: SRTP (g711A) C->>D: SRTP (g711A) D->>C: SRTP (g711A) C->>D: SRTP (g711A) D->>C: ACK C->>B: ACK C->>B: ACK C->>B: BYE B->>C: 200 OK C->>D: BYE D->>C: BYE C->>B: 200 OK B->>C: 200 OK </pre> <p>INVITE sip:*55866@www.SCM30k.com SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com> Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c-a1ec3be-79941e37 Max-Forwards: 70</p>

(Continued)

No.	Feature
Conference Paging	<pre> Supported: timer,replaces P-Preferred-Identity: "Michael"<sip:010001@www.SCM30k.com> User-Agent: SAMSUNG-SMT-i5243/V01.38 Contact: <sip:010001@23.30.165.21> Session-Expires: 1800;refresher=uas Min-SE: 90 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 508 v=0 o=SAMSUNG_IP_PHONE 1334760206 0 IN IP4 23.30.165.21 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.21 t=0 0 m=audio 20076 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:7BF9y5DpTNdnP370oRS3XuiiOhDhIdjPR3kVAdbz a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:oHS7o90kgKBS1eS1jH1FxeOOBXVUx4xIYNUMHKL7 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com> Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c- alec3be-79941e37 Contact: <sip:*55866@www.SCM30k.com> Content-Length: 0 </pre>

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No.	Feature
Conference Paging	<pre> INVITE sip:*55866@www.SCM30k.com:5090 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44- e69c-44c2-a44b-267547310db1 To: <sip:*55866@www.SCM30k.com> Call-ID: ba029503-6819-4457-9865- fe21f55924a8@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0362- 6f811a99 P-Asserted-Identity: "Michael" <sip:010001@www.SCM30k.com> Supported: replaces, timer Max-Forwards: 70 Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Contact: <sip:010001@23.30.160.170:5060> Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 496 v=0 o=010001 1334760206 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.21 t=0 0 m=audio 20076 RTP/SAVP 8 0 18 9 102 101 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:9 G722/8000 a=rtpmap:102 iLBC/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:7BF9y5DpTNdnP370oRS3XuiiOhDhIdjPR3kVAdbz a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:oHS7o90kgKBS1eS1jH1FxeOOBXVUx4xIYNUmHKL7 </pre>

(Continued)

No.	Feature
Conference Paging	<p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44-e69c-44c2-a44b-267547310db1 To: <sip:*55866@www.SCM30k.com>;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch=z9hG4bK-b8c4a-2d1c0362-6f811a99 Contact: <sip:*55866@www.SCM30k.com:5090>;isfocus Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com>;tag=ae69ad65-f154-4f63-94a0-d2c45187b546 Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c-alec3be-79941e37 Contact: <sip:*55866@23.30.160.170:5060>;isfocus Content-Length: 0</p> <p>INVITE sip:020000@www.SCM30k.com:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060> Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037b-70da9e07 Alert-Info: <http://127.0.0.1>;Bellcore-dr1 Call-Info: <http://127.0.0.1>;answer-after=0;purpose=page Max-Forwards: 70 Reason: SIP ;cause=200 ;text="PAGE"</p>

(Continued)

No.	Feature
Conference Paging	<pre> Contact: <sip:890003@23.30.160.170:5090>;isfocus Content-Type: application/sdp Content-Length: 742 v=0 o=890003@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45026 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45026 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ= SIP/2.0 100 Trying From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0- 13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060> Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037b-70da9e07 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> Contact: <sip:020000@www.SCM30k.com:5060> Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44- e69c-44c2-a44b-267547310db1 To: <sip:*55866@www.SCM30k.com>;tag=b4fec7b8-0-13e2- 50022-b8c4a-6d84f41f-b8c4a Call-ID: ba029503-6819-4457-9865- fe21f55924a8@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;received=127.0.0.1;rport=5060;branch= z9hG4bK-b8c4a-2d1c0362-6f811a99 Contact: <sip:890003@23.30.160.170:5090>;isfocus Reason: SIP ;cause=200 ;text="PAGE" Content-Type: application/sdp Content-Length: 321 v=0 o=890003@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45026 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr INVITE sip:020001@www.SCM30k.com:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0- 13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060> Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037c-44805fa5 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> Alert-Info: <http://127.0.0.1>;Bellcore-drl Call-Info: <http://127.0.0.1>;answer- after=0;purpose=page Max-Forwards: 70 Reason: SIP ;cause=200 ;text="PAGE" Contact: <sip:890003@23.30.160.170:5090>;isfocus Content-Type: application/sdp Content-Length: 742 v=0 o=890003@www.SCM30k.com 0 0 IN IP4 127.0.0.1 s=Setup Conf c=IN IP4 23.30.160.170 t=0 0 m=audio 45026 RTP/AVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45026 RTP/SAVP 8 0 18 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ= SIP/2.0 100 Trying From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0- 13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060> Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a </pre>

(Continued)

No.	Feature
Conference Paging	<pre> CSeq: 1 INVITE Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037c-44805fa5 Contact: <sip:020001@www.SCM30k.com:5060> Content-Length: 0 INVITE sip:020000@23.30.165.7 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com> Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c037f- 106a2959 Call-Info: <http://127.0.0.1>;answer-after=0 Supported: timer Reason: Control ;cause=200 ;text="Broadcast" Allow: UPDATE Max-Forwards: 70 Contact: <sip:890003@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 608 v=0 o=890003 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 a=sendrecv m=audio 45026 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45026 RTP/SAVP 8 0 0 101 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ= SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8- 15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com>;tag=ae69ad65-f154-4f63- 94a0-d2c45187b546 Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 1 INVITE Supported: timer Reason: Control ;cause=200 ;text="Broadcast" Allow: UPDATE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-2973c- a1ec3be-79941e37 Contact: <sip:890003@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uas Content-Type: application/sdp Content-Length: 313 v=0 o=890003 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 m=audio 45026 RTP/SAVP 8 101 c=IN IP4 23.30.160.170 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:h1EwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr </pre>

(Continued)

No.	Feature
Conference Paging	<pre> INVITE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60- 9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 0419559f-85a1-4d52-96f2- 9c308afbefc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0380- 6b5c75ec Call-Info: <http://127.0.0.1>;answer-after=0 Supported: timer Reason: Control ;cause=200 ;text="Broadcast" Allow: UPDATE Max-Forwards: 70 Contact: <sip:890003@23.30.160.170:5060>;isfocus Session-Expires: 1800;refresher=uac Min-SE: 90 Content-Type: application/sdp Content-Length: 608 v=0 o=890003 0 0 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.160.170 t=0 0 a=sendrecv m=audio 45026 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=sendrecv m=audio 45026 RTP/SAVP 8 0 0 101 a=rtpmap:8 PCMA/8000 a=fmtp:101 0-15 a=rtpmap:0 PCMU/8000 a=rtpmap:18 G729/8000 a=rtpmap:101 telephone-event/8000 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr a=crypto:2 ARIA_CM_128_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr </pre>

(Continued)

No.	Feature
Conference Paging	<pre> a=crypto:3 ARIA_CM_192_HMAC_SHA1_80 inline:hlEwxKvHRUvDKPmK0MaPsLgpRX0u1LnWZ7JEgSZr08sddOJTN YQ= SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com> Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c037f-106a2959 Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Jane"<sip:020000@www.SCM30k.com> Contact: <sip:020000@23.30.165.7> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com>;tag=80f846e8- 171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c037f-106a2959 Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Jane"<sip:020000@www.SCM30k.com> Contact: <sip:020000@23.30.165.7> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> SIP/2.0 180 Ringing From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0- 13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060>;tag=235f68da-2472- 4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 1 INVITE P-Asserted-Identity: "Jane" <sip:020000@www.SCM30k.com> Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037b-70da9e07 Contact: <sip:020000@23.30.160.170:5060> Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com>;tag=80f846e8- 171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c037f-106a2959 Supported: timer,replaces Require: timer P-Preferred-Identity: "Jane"<sip:020000@www.SCM30k.com> Contact: <sip:020000@23.30.165.7> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 208 v=0 o=SAMSUNG_IP_PHONE 1334760243 1 IN IP4 23.30.165.7 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.7 t=0 0 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> m=audio 20006 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv m=audio 0 RTP/SAVP 8 0 0 101 SIP/2.0 200 OK From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0- 13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060>;tag=235f68da-2472- 4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "Jane" <sip:020000@www.SCM30k.com> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037b-70da9e07 Contact: <sip:020000@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 197 v=0 o=020000 1334760243 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.7 t=0 0 m=audio 20006 RTP/AVP 8 a=rtpmap:8 PCMA/8000 a=ptime:20 a=sendrecv m=audio 0 RTP/SAVP 8 0 0 101 ACK sip:020000@23.30.160.170:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0- 13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060>;tag=235f68da-2472- 4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a </pre>

(Continued)

No.	Feature
Conference Paging	<pre> CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b8c4a- 2d1c0440-3d50390f Max-Forwards: 70 Contact: <sip:890003@23.30.160.170:5090>;isfocus Content-Length: 0 ACK sip:020000@23.30.165.7 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com>;tag=80f846e8- 171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 1 ACK Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4a-2d1c0441- 76f5a225 Max-Forwards: 70 Contact: <sip:890003@23.30.160.170:5060> Content-Length: 0 SIP/2.0 100 Trying From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60- 9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com> Call-ID: 0419559f-85a1-4d52-96f2- 9c308afbefc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c0380-6b5c75ec Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Paging	<p>SIP/2.0 180 Ringing From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155 Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a-2d1c0380-6b5c75ec Supported: timer,replaces Reason: SIP ;cause=200 ; text="Broadcast" P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0</p> <p>SIP/2.0 180 Ringing From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060>;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 1 INVITE P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK-b8c4a-2d1c037c-44805fa5 Contact: <sip:020001@23.30.160.170:5060> Content-Length: 0</p> <p>SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155</p>

(Continued)

No.	Feature
Conference Paging	<pre> Call-ID: 0419559f-85a1-4d52-96f2- 9c308afbefc6@www.SCM30k.com CSeq: 1 INVITE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c4a- 2d1c0380-6b5c75ec Supported: timer,replaces Require: timer P-Preferred-Identity: "Sandy"<sip:020001@www.SCM30k.com> Contact: <sip:020001@23.30.165.17> Session-Expires: 1800;refresher=uac Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Type: application/sdp Content-Length: 342 v=0 o=SAMSUNG_IP_PHONE 1334760219 1 IN IP4 23.30.165.17 s=SAMSUNG_VOIP_CALL c=IN IP4 23.30.165.17 t=0 0 m=audio 0 RTP/AVP 8 m=audio 20096 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:mGmadz89F/Anh1KKyTjCNHThmJEkmpXtuSH3NSI4 SIP/2.0 200 OK From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0- 13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060>;tag=3faa443e-f14b- 4afc-b3f6-e4f3a31aea2b Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 1 INVITE Supported: replaces, timer P-Asserted-Identity: "Sandy" <sip:020001@www.SCM30k.com> </pre>

(Continued)

No.	Feature
Conference Paging	<pre> Allow: INVITE,ACK,BYE,CANCEL,INFO,REFER,SUBSCRIBE, NOTIFY,UPDATE,PUBLISH Via: SIP/2.0/UDP 15.15.10.10:5090;received=127.0.0.1;branch=z9hG4bK- b8c4a-2d1c037c-44805fa5 Contact: <sip:020001@23.30.160.170:5060> Content-Type: application/sdp Content-Length: 330 v=0 o=020001 1334760219 1 IN IP4 23.30.160.170 s=Samsung IP PBX c=IN IP4 23.30.165.17 t=0 0 m=audio 0 RTP/AVP 8 m=audio 20096 RTP/SAVP 8 101 a=rtpmap:8 PCMA/8000 a=rtpmap:101 telephone-event/8000 a=fmtp:101 0-15 a=ptime:20 a=sendrecv a=crypto:1 AES_CM_128_HMAC_SHA1_80 inline:mGmadz89F/Anh1KKyTjCNHThmJEkmpXtuSH3NSI4 ACK sip:020001@23.30.160.170:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0- 13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060>;tag=3faa443e-f14b- 4afc-b3f6-e4f3a31aea2b Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 1 ACK Via: SIP/2.0/UDP 15.15.10.10:5090;branch=z9hG4bK-b8c4b- 2d1c0529-49bb2501 Max-Forwards: 70 Contact: <sip:890003@23.30.160.170:5090>;isfocus Content-Length: 0 ACK sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60- 9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a18b8- 11a51e17-13c4-50022-27b155-719fe72d-27b155 </pre>

(Continued)

No.	Feature
Conference Paging	<p>Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.SCM30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4b-2d1c052b-7ecfa0cd</p> <p>Max-Forwards: 70</p> <p>Contact: <sip:890003@23.30.160.170:5060></p> <p>Content-Length: 0</p> <p>ACK sip:890003@23.30.160.170:5060 SIP/2.0</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c</p> <p>To: <sip:*55866@www.SCM30k.com>;tag=ae69ad65-f154-4f63-94a0-d2c45187b546</p> <p>Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.165.21:5060;rport;branch=z9hG4bK-2973c-alec5ee-50c49187</p> <p>Max-Forwards: 70</p> <p>User-Agent: SAMSUNG-SMT-i5243/V01.38</p> <p>Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH</p> <p>Contact: <sip:010001@23.30.165.21></p> <p>Allow-Events: talk,hold</p> <p>Content-Length: 0</p> <p>ACK sip:890003@23.30.160.170:5090 SIP/2.0</p> <p>From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44-e69c-44c2-a44b-267547310db1</p> <p>To: <sip:*55866@www.SCM30k.com>;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a</p> <p>Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.SCM30k.com</p> <p>CSeq: 1 ACK</p> <p>Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c4b-2d1c05b8-3abd2f3a</p> <p>Max-Forwards: 70</p> <p>Contact: <sip:010001@23.30.160.170:5060></p> <p>Content-Length: 0</p>

(Continued)

No.	Feature
Conference Paging	<pre> BYE sip:890003@23.30.160.170:5060 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com>;tag=ae69ad65-f154-4f63-94a0-d2c45187b546 Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-29743-aledfac-2e9f7095 Max-Forwards: 70 Supported: timer,replaces User-Agent: SAMSUNG-SMT-i5243/V01.38 Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=56f1a8-15a51e17-13c4-50022-2973c-53e12759-2973c To: <sip:*55866@www.SCM30k.com>;tag=ae69ad65-f154-4f63-94a0-d2c45187b546 Call-ID: 5770d8-15a51e17-13c4-50022-2973c-382da40b-2973c CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.165.21:5060;rport=5060;branch=z9hG4bK-29743-aledfac-2e9f7095 Content-Length: 0 BYE sip:890003@23.30.160.170:5090 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44-e69c-44c2-a44b-267547310db1 To: <sip:*55866@www.SCM30k.com>;tag=b4fec7b8-0-13e2-50022-b8c4a-6d84f41f-b8c4a Call-ID: ba029503-6819-4457-9865-fe21f55924a8@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f49-6b143560 Reason: Q.850 ;cause=16 ;text="Normal Release" </pre>

(Continued)

No.	Feature
Conference Paging	<pre> Max-Forwards: 70 Content-Length: 0 BYE sip:020000@23.30.160.170:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060>;tag=235f68da-2472-4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f49-42d7ae90 Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fecc80-0-13e2-50022-b8c4a-57558469-b8c4a To: <sip:020000@www.SCM30k.com:5060>;tag=235f68da-2472-4507-bdef-47bca2fd50d1 Call-ID: b4eb7810-0-13e2-50022-b8c4a-d0b501b-b8c4a CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f49-42d7ae90 Content-Length: 0 BYE sip:020001@23.30.160.170:5060 SIP/2.0 From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0-13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060>;tag=3faa443e-f14b-4afc-b3f6-e4f3a31aea2b Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK-b8c51-2d1c1f4a-4981d52e Max-Forwards: 70 Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> SIP/2.0 200 OK From: "010001"<sip:890003@www.SCM30k.com:5090>;tag=b4fece18-0- 13e2-50022-b8c4a-5847fc0c-b8c4a To: <sip:020001@www.SCM30k.com:5060>;tag=3faa443e-f14b- 4afc-b3f6-e4f3a31aea2b Call-ID: b4eb79e8-0-13e2-50022-b8c4a-47b9ac86-b8c4a CSeq: 2 BYE Via: SIP/2.0/UDP 15.15.10.10:5090;received=23.30.160.170;branch=z9hG4bK- b8c51-2d1c1f4a-4981d52e Content-Length: 0 BYE sip:020000@23.30.165.7 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e- 7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com>;tag=80f846e8- 171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f- d2ef2107f9bb@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f4c- 2f736a93 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=cb0cce44- e69c-44c2-a44b-267547310db1 To: <sip:*55866@www.SCM30k.com>;tag=b4fec7b8-0-13e2- 50022-b8c4a-6d84f41f-b8c4a Call-ID: ba029503-6819-4457-9865- fe21f55924a8@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51- 2d1c1f49-6b143560 Content-Length: 0 </pre>

(Continued)

No.	Feature
Conference Paging	<pre> BYE sip:020001@23.30.165.17 SIP/2.0 From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155 Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport;branch=z9hG4bK-b8c51-2d1c1f4c-6b340de9 Reason: Q.850 ;cause=16 ;text="Normal Release" Max-Forwards: 70 Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=608c342e-7a25-470e-964d-cb36296c9bc5 To: "Jane"<sip:020000@www.SCM30k.com>;tag=80f846e8-171ea507-13c4-50022-1ba112-7f07e07a-1ba112 Call-ID: dd411fc9-48c5-462d-ac8f-d2ef2107f9bb@www.SCM30k.com CSeq: 2 BYE Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51-2d1c1f4c-2f736a93 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER,SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0 SIP/2.0 200 OK From: "Michael"<sip:010001@www.SCM30k.com>;tag=02d97c60-9371-4eb3-aaad-7607e3e1f1fe To: "Sandy"<sip:020001@www.SCM30k.com>;tag=101a18b8-11a51e17-13c4-50022-27b155-719fe72d-27b155 Call-ID: 0419559f-85a1-4d52-96f2-9c308afbefc6@www.SCM30k.com CSeq: 2 BYE </pre>

(Continued)

No.	Feature
Conference Paging	Via: SIP/2.0/UDP 23.30.160.170:5060;rport=5060;branch=z9hG4bK-b8c51- 2d1c1f4c-6b340de9 Supported: timer,replaces Allow: INVITE,ACK,CANCEL,BYE,INFO,UPDATE,REFER, SUBSCRIBE,NOTIFY,PUBLISH Allow-Events: talk,hold Content-Length: 0





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SCM
**System Troubleshooting
Reference**

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