



Aastra Models 6735i, 6737i, and 6800i Series SIP IP Phones



SIP 3.3.1 Service Pack 4 Release Notes

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Aastra Models 6735i, 6737i and 6800i Series SIP IP Phone Release Notes

3.3.1 Service Pack (SP)4

About this Document

This document provides details on new features and/or issues resolved for the 6735i, 6737i, and 6800i series (6863i, 6865i, and 6867i) SIP IP phones for Release 3.3.1 SP4.

Note:

This release applies to the phone models mentioned above only.

For more detailed information about features associated with each phone, and for information on how to use the phones, see your model-specific *SIP IP Phone Installation Guide* and the *SIP IP Phone User Guide*.

For detailed information about more advanced features, see the *Aastra Models 9000i and 6700i Series SIP IP Phones Administrator Guide* and/or the *Development Guide XML API For Aastra SIP Phones*.

Release Notes Topics

Topics in these release notes include:

- [General Information](#)
- [New Features in Release 3.3.1 SP4](#)
- [Additional Information](#)
- [Issues Resolved in Release 3.3.1 SP4](#)
- [Contacting Aastra Support](#)

General Information

Release Content Information

This document provides release content information on the Aastra 6735i, 6737i, and 6800i series SIP IP phone firmware.

Model	Release name	Release version	Release filename	Release date
6735i	Generic SIP	3.3.1 SP4	FC-001362-01-REV07	July 2014
6737i	Generic SIP	3.3.1 SP4	FC-001363-01-REV07	July 2014
6863i	Generic SIP	3.3.1 SP4	FC-001415-00-REV02	July 2014
6865i	Generic SIP	3.3.1 SP4	FC-001416-00-REV02	July 2014
6867i	Generic SIP	3.3.1 SP4	FC-001417-00-REV02	July 2014

Hardware Supported

This release of firmware is compatible with the following Aastra IP portfolio products:

- 6735i
- 6737i
- 6863i
- 6865i
- 6867i

Bootloader Requirements

This release of firmware is compatible with the following Aastra IP portfolio product bootloader versions:

- 6735i: Boot2 1.0.0.0 or higher
- 6737i: Boot2 1.0.0.0 or higher
- 6863i: Boot2 1.0.0.0 or higher
- 6865i: Boot2 1.0.0.0 or higher
- 6865i: Boot2 1.0.0.0 or higher

New Features in Release 3.3.1 SP4

This section provides the new features in SIP IP Phone Release 3.3.1 SP4. The following table summarizes each new feature and provides a link to more information within this release note. Each feature also specifies whether it affects the Administrator, the User, or the XML Developer.

This table may also provide the documentation location of features that have already been documented in Aastra's documentation suite. Refer to those documents for more information about the applicable feature.

Feature	Description
Configuration Features	
Configurable Display Modes for BLF and BLF/List Softkey Labels (For Administrators)	The manner in which labels for BLF and BLF/List softkeys are displayed can now be configured by Administrators. In the primary (default) display mode, when a label exceeds the maximum characters the respective phone's screen can display, the phone adds an ellipsis (i.e. "...") at the end of the label indicating the label has been automatically truncated. In the secondary display mode, the phone does not automatically truncate the label and simply displays as many characters as the area reserved for the label allows. *New for 6735i, 6737i, and 6867i only
6867i Preferred Line Support (For Administrators and Users)	Implemented in Release 3.3.1 SP4, Administrators and users can now specify a preferred line settings. If defined, the phone will automatically switch to the preferred line after a call ends or when dialing out to make a call. The amount of time it takes for the phone to switch to the preferred line can also be specified. *New for 6867i only Feature previously available for all other phone models
SIP Features	
Configurable Codec Negotiation Behavior (For Administrators)	A new configuration parameter has been introduced in Release 3.3.1 SP4 allowing Administrators the ability to change the phone's codec negotiation behavior so that the phone will indicate only one preferred codec in the SDP Answer when replying to an SDP Offer (as per 3GPP TS 24.229). *New for all phone models
Configurable DNS Maximum Cache TTL Settings (For Administrators)	Previously, the DNS maximum cache Time To Live (TTL) settings on the phone were unconfigurable and statically set to 5 minutes. In Release 3.3.1 SP4, Administrators can manually set the DNS maximum cache TTL settings for both negative and positive responses on the phone. *New for all phone models

Feature	Description
Support for Sending a TR-069 INFORM Message to an ACS Upon a SIP NOTIFY Check-Sync	For more information, refer to the <i>TR-069 Configuration Guide - Release 3.3.1 SP4</i> .
(For Administrators)	*New for all phone models
UI Features	
6867i Home/Idle Screen Mode Dynamic Switching Support	Previously, the only method of switching the home/idle screen to the preferred layout was by defining a parameter in the configuration files. In Release 3.3.1 SP4, users are now able to dynamically switch the home/idle screen to the preferred layout using the Display options menu on the phone.
(For Administrators and Users)	*New for 6867i only
6867i Screen Saver	A screen saver displaying the date and time and the number of missed calls (if applicable) has been implemented for the 6867i in Release 3.3.1 SP4. The amount of time the phone must be idle before the screen saver initiates is configurable through the phone's UI or by using the configuration files.
(For Administrators and Users)	*New for 6867i only
6867i Custom Background Image JPEG File Format Support	Administrators have the option of customizing or branding the Home/Idle screen of the 6867i IP phone with their own company logo or custom image. In previous releases, image files were required to be in the PNG file format. With Release 3.3.1 SP4, JPEG image files are now supported.
(For Administrators)	*New for 6867i only
6867i Configurable Positioning of Programmed Softkeys	Administrators now have the option to configure programmed softkey positioning behavior. Administrators can choose to have the IP phones automatically collapse a programmed softkey into the first available position on the LCD display (default behavior) or they can configure the phones to retain the exact position defined for the programmed softkey.
(For Administrators and Users)	*New for 6867i only
6867i Collapsing of Softkey Positions for Busy States	By default, user configured softkeys are automatically shifted from the first page of softkeys to the second page when the phone is in a busy state. In Release 3.3.1 SP4, Administrators have the option of "collapsing" the user configured softkeys to start on the first available softkey position after the context-sensitive softkeys during busy states.
(For Administrators)	*New for 6867i only Feature previously available for 6735i and 6737i

New Features in Release 3.3.1 SP4

Feature	Description
Additional Ring Tone Support (For Administrators and Users)	10 new ring tones have been added to phone in Release 3.3.1 SP4. Users now have a choice of a total of 15 distinct ring tones to select from (excluding the silent ring tone). *New for all phone models
BLF In-Call Ring Splash Support (For Administrators)	Previously, ring splashes indicating incoming calls for BLF-monitored extensions would only be played (when configured) if the user's phone was in an idle state. With Release 3.3.1 SP4, Administrators can now configure the phone to play a ring splash even when the user's phone is in an active call state. *New for 6735i, 6737i, 6865i, and 6867i only
Web UI Lock Support (For Administrators and Users)	A security enhancement has been implemented in Release 3.3.1 SP4 whereby after multiple failed attempts to access the phone's Web UI, the Web UI access page will be locked for a specified period of time. *New for all phone models

Additional Information

Configuration Features

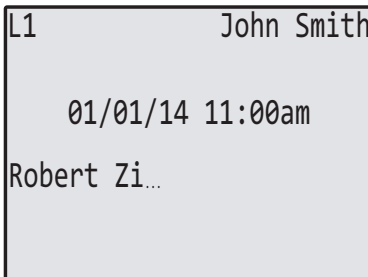
Configurable Display Modes for BLF and BLF/List Softkey Labels

The manner in which labels for BLF and BLF/List softkeys are displayed on the 6735i, 6737i, and 6867i IP phones (as well as the M675i Expansion Module) can now be configured by Administrators. By defining the “**blf display label to max**” parameter to either “**0**” or “**1**” in the configuration files, Administrators can choose between two distinct display modes.

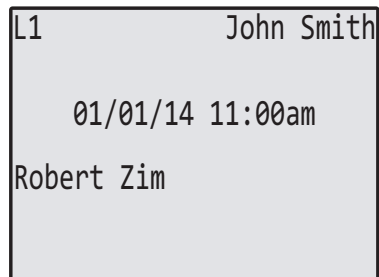
In the primary (default) display mode (i.e. “**blf display label to max: 0**”), when a label exceeds the maximum characters the respective phone’s screen can display, the phone adds an ellipsis (i.e. “...”) at the end of the label indicating the label has been automatically truncated. In the secondary display mode (i.e. “**blf display label to max: 1**”), the phone does not automatically truncate the label and simply displays as many characters as the area reserved for the label allows.

The following images provide an example of how the label of a BLF or BLF/List softkey defined as “Robert Zimmerman” would be displayed in the two modes for each respective phone.

6735i Label Display Mode Comparison

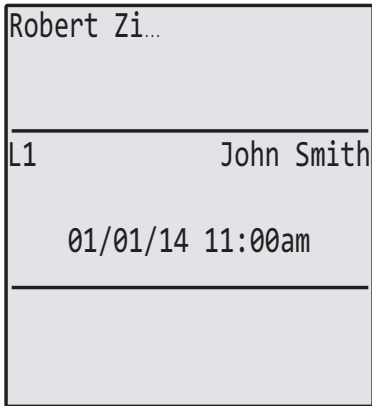


Primary Display Mode
(blf display label to max: 0)

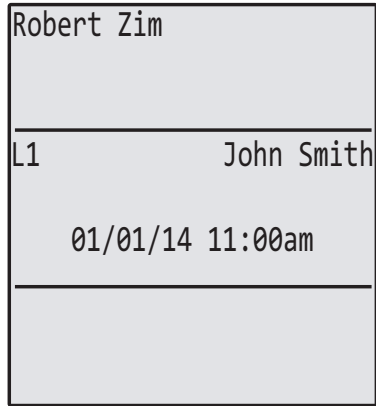


Secondary Display Mode
(blf display label to max: 1)

6737i Label Display Mode Comparison



Primary Display Mode
(blf display label to max: 0)



Secondary Display Mode
(blf display label to max: 1)

6867i Label Display Mode Comparison



Primary Display Mode
(blf display label to max: 0)



Secondary Display Mode
(blf display label to max: 1)

Configuring BLF and BLF/List Softkey Label Display Modes

Use the following parameter to configure the display mode for BLF and BLF/List softkey labels.

Parameter – <i>blf display label to max</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies how the phone should display BLF and BLF/List softkey labels. In the primary (default) display mode, when a label exceeds the maximum characters the respective phone's screen can display, the phone adds an ellipsis (i.e. "...") at the end of the label indicating the label has been automatically truncated. In the secondary display mode, the phone does not automatically truncate the label and simply displays as many characters as the area reserved for the label allows.
Format	Boolean
Default Value	0 (Primary Display Mode)
Range	0 - 1 0 (Primary Display Mode) 1 (Secondary Display Mode)
Example	blf display label to max: 1

6867i Preferred Line Support

Implemented in Release 3.3.1 SP4, Administrators and users can now specify a preferred line settings. If defined, the phone will automatically switch to the preferred line after a call ends or when dialing out to make a call. The amount of time it takes for the phone to switch back to the preferred line can also be specified.

Administrators can configure this feature using the “**preferred line**” and “**preferred line timeout**” parameters using the configuration files or by navigating to *Basic Settings > Preferences > General* on the Aastra Web UI. Users can configure these parameters using the Aastra Web UI only.

The following table provides the behavior of the preferred line feature when used in conjunction with other features on the phone:

Phone Feature	Preferred Line Behavior
Last Call Return	The phone switches back to the focused line immediately after the call ends.
Speed dial	The line is already specified when the speed dial is created. The phone switches back immediately after the call ends.
Conference	For incoming calls, the phone switches back immediately after the call ends.
Transfer	For incoming or outgoing calls, the current behavior is that the same line used to transfer the call does not change. For incoming calls, the phone switches back immediately after the call transfers.
Park	The phone switches back immediately after the call ends.
Voicemail	The phone switches back immediately after the call ends.
Redial	The phone switches back immediately after the call ends.
Dialing	For incomplete dialing on a non-preferred line, the focus does not change if some digits are entered. If no digits are entered or digits were cleared, the focus changes to preferred line after the time out has passed without activities.
Caller ID	If the Switch UI Focus To Ringing Line parameter is disabled, the User is able to see the Caller ID when the phone switches the focus to the ringing line.
Factory Default	Factory default and recovery mode clears the preferred line and preferred line timeout parameters, and the phone operates in a non-preferred line mode.

Notes:

- If the **Preferred Line** parameter is defined as “**0**”, the feature is disabled.
- If **Preferred Line Timeout** parameter is defined as “**0**”, the phone switches back to the preferred line immediately.

Configuring the Preferred Line Feature Using the Aastra Web UI

Use the following procedure in the Aastra Web UI to configure the preferred line feature on the IP phone:

1. Click on **Basic Settings > Preferences > General**.

Preferences

General

Park Call:	<input type="text"/>
Pick Up Parked Call:	<input type="text"/>
Display DTMF Digits	<input checked="" type="checkbox"/> Enabled
Play Call Waiting Tone	<input checked="" type="checkbox"/> Enabled
Stuttered Dial Tone	<input checked="" type="checkbox"/> Enabled
XML Beep Support	<input checked="" type="checkbox"/> Enabled
Status Scroll Delay (seconds)	<input type="text" value="5"/>
Switch UI Focus To Ringing Line	<input checked="" type="checkbox"/> Enabled
Call Hold Reminder During Active Calls	<input checked="" type="checkbox"/> Enabled
Call Hold Reminder	<input checked="" type="checkbox"/> Enabled
Call Waiting Tone Period	<input type="text" value="0"/>
Preferred line	<input type="text" value="None"/> ▼
Preferred line Timeout (seconds)	<input type="text" value="0"/>
Goodbye Key Cancels Incoming Call	<input type="checkbox"/> Enabled
Message Waiting Indicator Line	<input type="text" value="All"/> ▼
DND Key Mode	<input type="text" value="Custom"/> ▼
Call Forward Key Mode	<input type="text" value="Custom"/> ▼

2. In the **Preferred Line** field, select a preferred line to switch focus to after incoming or outgoing calls end on the phone. Default is 1. Valid values are:
 - None (disables the preferred line feature)
 - 1 through 9.

For example, if you set the preferred line to 2, when a call (incoming or outgoing) ends on the phone (on any line), the phone switches focus back to Line 2.
3. In the **Preferred Line Timeout** field, enter the desired amount of time (in seconds) that the phone will switch back to the preferred line after a call (incoming or outgoing) ends on the phone, or after a duration of inactivity on an active line. Default is 0. Valid values are 0 to 999
4. Click **Save Settings**.

Configuring the Preferred Line Feature Using the Configuration Files

Use the following parameters to configure the preferred line feature using the configuration files.

Parameter – preferred line	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies the preferred line to switch focus to when incoming or outgoing calls end on the phone.
Format	Integer
Default Value	1
Range	0 (Disabled) 1-9
Example	preferred line: 2

Parameter – preferred line timeout	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies the time (in seconds) that the phone switches back to the preferred line after a call (incoming or outgoing) ends on the phone, or after a duration of inactivity on an active line.
Format	Integer
Default Value	0 (Switches immediately)
Range	0 - 999
Example	preferred line timeout: 30

SIP Features

Configurable Codec Negotiation Behavior

Previously, when the phone received an SDP Offer with several codecs defined for the media stream, the phone would reply with an SDP Answer containing all the codecs present in the Offer (as per RFC 3264).

A new configuration parameter ("**sip single codec reply in sdp**") has been introduced in Release 3.3.1 SP4 allowing Administrators the ability to change the phone's codec negotiation behavior so that the phone will indicate only one preferred codec in the SDP when replying to an SDP offer (as per 3GPP TS 24.229).

Defining the "**sip single codec reply in sdp**" as "**0**" (disabled) will maintain the default behavior of the phone (as per RFC3264). Defining the "**sip single codec reply in sdp**" as "**1**" (enabled) will change the phone's behavior to indicate only one preferred codec (as per 3GPP TS 24.229).

Note:

The first codec on the compatible codecs list will be selected as the single preferred codec when the "**sip single codec reply in sdp**" parameter is enabled.

Configuring Codec Negotiation Behavior

Use the following parameter to configure the phone's codec negotiation behavior.

Parameter – <i>sip single codec reply in sdp</i>	Configuration Files
	aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies whether the phone should reply to an SDP Offer (with several codecs defined in the media stream) with an SDP Answer containing all the codecs present in the Offer (as per RFC 3264) or with an SDP Answer containing just one preferred codec (as per 3GPP TS 24.229).
Format	Boolean
Default Value	0 (Disabled)
Range	0-1 0 (Disabled - RFC 3264) 1 (Enabled - 3GPP TS 24.229)
Example	sip single codec reply in sdp: 1

Configurable DNS Maximum Cache TTL Settings

Previously, the DNS maximum cache Time To Live (TTL) settings on the phone were unconfigurable and statically set to 5 minutes. In Release 3.3.1 SP4, Administrators can manually set the DNS maximum cache TTL settings for both negative and positive responses on the phone by defining the “**sip dns cache negative max ttl**” and “**sip dns cache positive max ttl**” parameters in the configuration files. Setting these parameters will help alleviate issues regarding the phone not considering the DNS retry time settings defined by the DNS server.

Configuring the DNS Maximum Cache TTL Settings

Use the following parameters to configure the DNS maximum cache TTL settings.

Parameter – <i>sip dns cache negative max ttl</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies the DNS maximum cache TTL for negative responses.
Format	Integer
Default Value	-1 (5 minutes)
Range	0 - 2147483647 (seconds) (0 = Disabled)
Example	sip dns cache negative max ttl: 3600

Parameter – <i>sip dns cache positive max ttl</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies the DNS maximum cache TTL for positive responses.
Format	Integer
Default Value	-1 (5 minutes)
Range	0 - 2147483647 (seconds) (0 = Disabled)
Example	sip dns cache positive max ttl: 3600

UI Features

6867i Home/Idle Screen Mode Dynamic Switching Support

The 6867i IP phone contains two Home/Idle screen layout options. The default primary screen mode provides users with a larger date and time and displays the Screen Name (“**sip screen name**”) parameter beside the line number in the top status bar.

Note:

Screen Name 2 (“**sip screen name 2**”) is not displayed on the 6867i IP phone’s screen when the primary screen mode is configured for use.

The secondary screen mode displays both the Screen Name and Screen Name 2 parameters. They are displayed above the smaller, repositioned date and time.



Home/Idle Screen Mode 1





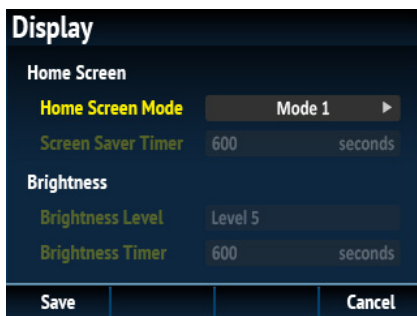
Home/Idle Screen Mode 2


Previously, only Administrators were able to switch the home/idle screen to the preferred layout by defining the “**idle screen mode**” parameter in the configuration files. In Release 3.3.1 SP4, users are now able to dynamically switch the home/idle screen to the preferred layout using the **Display** options menu on the phone.

Switching the 6867i IP Phone's Home/Idle Screen Mode Using the Phone UI

Use the following procedure on the phone's UI to dynamically switch home/idle screen modes:

1. Press the  key.
2. Navigate to the **Display** option and press the  button or **Select** softkey.



3. Use the ◀ and ▶ navigation button to change the desired home screen mode.
4. Press the **Save** softkey to apply your changes.
5. Press the **Quit** softkey or  key to return to the home screen. The home screen should now reflect your changes.

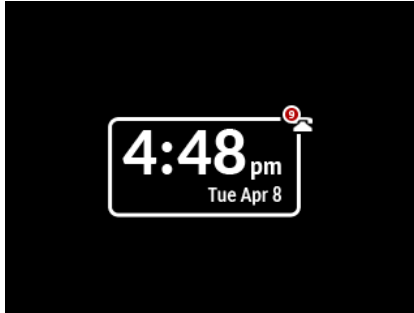
Switching the 6867i IP Phone's Home/Idle Screen Mode Using the Configuration Files

Use the following parameter to switch the 6867i IP phone's Home/Idle screen mode using the configuration files.

Parameter – <i>idle screen mode</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Used to switch between the two Home/Idle screen modes. The primary screen mode provides users with a larger date and time and displays the Screen Name (" sip screen name ") parameter beside the line number in the top status bar. The secondary screen mode displays both the Screen Name and Screen Name 2 (" sip screen name 2 ") parameters above the smaller, repositioned date and time.
Format	Boolean
Default Value	0 (Primary Screen Mode)
Range	0-1 0 (Primary Screen Mode) 1 (Secondary Screen Mode)
Example	idle screen mode: 1

6867i Screen Saver

A screen saver displaying the date and time and the number of missed calls (if applicable) has been implemented for the 6867i in Release 3.3.1 SP4.





The amount of time the phone must be idle before the screen saver initiates is configurable through the phone's UI or by defining the **"screen save time"** parameter in the configuration files.

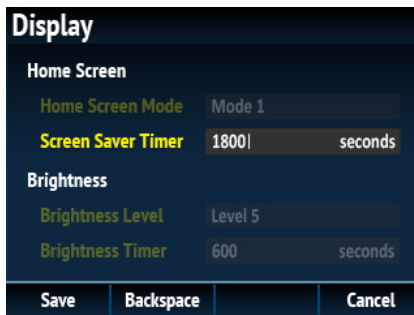
Note:


If there are no missed calls, only the date and time are displayed.

Configuring the Screen Saver Timer Using the Phone UI

Use the following procedure on the phone's UI to configure the screen saver timer:

1. Press the  key.
2. Navigate to the **Display** option and press the  button or **Select** softkey.
3. Press the ▼ navigation button to highlight the **Screen Saver Timer** setting.



4. Using the keypad, enter in the desired amount of time (in seconds) the phone must be idle before the screen saver is initiated. The range is 0 (screen saver disabled) to 7200 seconds (with a default of 1800 seconds).
5. Press the **Save** softkey to apply your changes.
6. Press the **Quit** softkey or  key to return to the home screen.
The screen saver will be initiated when the phone has been idle for the defined amount of time.

Configuring the Screen Saver Timer Using the Configuration Files

Use the following parameter to configure the screen saver timer using the configuration files.

Parameter – <i>screen save time</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Specifies the amount of time (in seconds) the phone must be idle before the 6867i IP phone's screen saver initiates.
Format	Integer
Default Value	1800 (seconds)
Range	0 (disabled) - 7200
Example	screen save time: 240

6867i Custom Background Image JPEG File Format Support

Administrators have the option of customizing or branding the Home/Idle screen of the 6867i IP phone with their own company logo or custom image. This is accomplished by placing the desired image file on a TFTP, FTP, HTTP, or HTTPS server and defining the “**background image**” parameter with the respective file location.

Previously, image files were required to be in the PNG file format. With Release 3.3.1 SP4, JPEG image files are now supported.



Default Background



Custom Background

The image requirements are as follows:

- Resolution: 240x320 pixels.
- File Format: PNG or JPEG.
- Color Depth: 24-bit.

Customizing the 6867i IP Phone's Background Image

Use the following parameter to customize the 6867i IP phone's background image.

Parameter – <i>background image</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Used to define the location of a custom background image. When configured, the phone will use the defined image as the background image on the Home/Idle screen. Note: Images must be in PNG or JPEG format, have a resolution of 240x320 pixels, and have a color depth of 24-bit.
Format	String (up to 256 characters)
Default Value	N/A
Range	ftp://<server>/<path>/<filename>.jpg ftp://<server>/<path>/<filename>.jpg http://<server>/<path>/<filename>.jpg https://<server>/<path>/<filename>.jpg
Example	background image: https://192.168.0.50/images/background.jpg

6867i Configurable Positioning of Programmed Softkeys

In previous releases, when programming softkeys for the 6867i IP phone, the softkey would automatically be placed (i.e. collapse) into the first available softkey slot/position on the LCD display. For example, if top softkeys 1 through 44 were set to “None” on and top softkey 3 was programmed as a speed dial softkey with the label “Home”, after saving the settings, the “Home” speedial softkey would appear on the first top softkey position on the LCD display.



Collapsed Mode (Default)
(collapsed softkey screen: 1)

With Release 3.3.1 SP4, Administrators now have the option to configure programmed softkey positioning behavior. Enabling the “**collapsed softkey screen**” parameter (i.e. defining the parameter as “1” in the configuration files) will maintain the previous behavior (as per the example above) for the 6867i. Disabling the parameter (i.e. defining the parameter as “0”) will cause the 6867i IP phone to retain the defined position of the programmed softkey. Using the example above, if the “**collapsed softkey screen**” parameter is disabled, the “Home” speed dial softkey will retain its position appearing on the third top softkey position on the LCD display.



Non-Collapsed Mode
(collapsed softkey screen: 0)

Notes:

- The “**collapsed softkey screen**” parameter applies to both top and bottom softkeys and is enabled by default.
- When the “**collapsed softkey screen**” parameter is disabled, bottom softkeys configured with a function that is to be displayed only in specific states will be displayed as a blank softkey in all other states. For example, if a bottom softkey is configured with speed dial functionality in the connected, incoming, outgoing, and busy states, when the phone is idle, the softkey will be blank (i.e. no label is displayed) and will not be functional.

Configuring Programmed Softkey Positioning Options

Use the following parameter to configure the programmed softkey positioning options:

Parameter <i>collapsed softkey screen</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Enables or disables the 6867i from collapsing the softkeys to remove blank keys. When enabled, the phone will remove all the softkeys defined as “None” and display the programmed softkeys in consecutive order. When disabled, the softkey will retain its programmed position. This parameter applies to both top and bottom softkeys.
Format	Integer
Default Value	1 (Enabled)
Range	0-1 0 (Disabled) 1 (Enabled)
Example	collapsed softkey screen: 0

6867i Collapsing of Softkey Positions for Busy States

Note:

This feature was already supported in the 6735i and 6737i IP phones in a previous release.

By default, user configured softkeys are automatically shifted from the first page of softkeys to the second page when the phone is in a busy state. In Release 3.3.1 SP4, for the 6867i IP phone, Administrators have the option of “collapsing” the user configured softkeys to start on the first available softkey position after the context-sensitive softkeys during the following busy states:

- outgoing
- ringing
- connected
- hold

This feature is configured by defining the “**collapsed context user softkey screen**” parameter as “**0**” (disabled) or “**1**” (enabled) in the configuration files.

Note:

The “**collapsed context user softkey screen**” parameter is disabled by default.

For Example:

While in the outgoing dialing state with the “**collapsed context user softkey screen**” parameter disabled, softkeys 1 (Park) and 2 (DND) do not appear on page 1. The user has to press the “More” key to access them on page 2.



Page 1



Page 2

While in the outgoing dialing state with the “**collapsed context user softkey screen**” parameter enabled, Park and DND appear on page 1 in position 2 and 3, immediately after the Cancel softkey.



Page 1

Configuring the Shifting of Softkey Positions for Busy States Feature

Use the following parameters to configure shifting of softkey positions for busy states feature:

Parameter – <i>collapsed context user softkey screen</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	When enabled, user configured softkeys on the applicable phones will collapse and fill in any unused softkeys starting on the first page of softkeys during the following states: <ul style="list-style-type: none"> • outgoing • ringing • connected • hold
Format	Boolean
Default Value	0
Range	0-1 0 (Disabled) 1 (Enabled)
Example	collapsed context user softkey screen:1



Additional Ring Tone Support

10 new ring tones have been added to phone in Release 3.3.1 SP4. Users now have a choice of a total of 15 distinct ring tones to select from. You can enable or disable these ring tones on a global basis using the phone's native UI, the Aastra Web UI, or the configuration files, or on a per-line basis using the Aastra Web UI or configuration files.




Configuring Ring Tones Using the IP Phone UI (Global Configuration Only)

Use the following procedure on the IP phone's UI to configure the phone's ring tone:




6735i and 6737i

1. Press  on the phone to enter the Options List.
2. Select **Preferences**.
3. Select **Tones**.
4. Select **Ring Tone**.
5. Use the ▲ and ▼ navigation button to change to the desired ring tone (**Tone 1** through **Tone 15**, or **Silent**).
6. Press the **Done** softkey to apply your changes.
7. Press the  key to return to the home screen.

6863i and 6865i

1. Press  on the phone to enter the Options List.
2. Select **Preferences**.
3. Select **Tones**.
4. Select **Ring Tone**.
5. Use the ▲ and ▼ navigation button to change to the desired ring tone (**Tone 1** through **Tone 15**, or **Silent**).
6. Press the  button or select ► **Set**.
7. Press the  key to return to the home screen.

6867i

1. Press  on the phone to enter the Options List.
2. Navigate to the **Audio > Ring Tones** option and press the  button or **Select** softkey.
3. Use the ▲ and ▼ navigation button to change the desired ring tone (**Tone 1** through **Tone 15**, or **Silent**).
4. Press the **Save** softkey to apply your changes.
5. Press the **Quit** softkey or  key to return to the home screen.

Configuring Ring Tones Using the Aastra Web UI

Use the following procedure in the Aastra Web UI to configure the ring tone on the IP phone:

1. Click on **Basic Settings > Preferences > Ring Tones**.

Ring Tones	
Tone Set	US ▼
Global Ring Tone	Tone 1 ▼
Line 1	Global ▼
Line 2	Global ▼
Line 3	Global ▼
Line 4	Global ▼
Line 5	Global ▼
Line 6	Global ▼
Line 7	Global ▼
Line 8	Global ▼
Line 9	Global ▼

2. For global configuration, select a value from the **Global Ring Tone** field.
OR
For per-line configuration, select a value from the **LineN** field.
3. Click **Save Settings**.

Configuring Ring Tones Using the Configuration Files

Use the following parameters to configure the ring tone on the IP phone:

Parameter – <i>ring tone</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Globally sets the type of ring tone on the IP phone. The ring tone can be set to one of 15 distinct rings (or silent).
Format	Integer
Default Value	0 (Tone 1)
Range	0 (Tone 1) 1 (Tone 2) 2 (Tone 3) 3 (Tone 4) 4 (Tone 5) 5 (Tone 6) 6 (Tone 7) 7 (Tone 8) 8 (Tone 9) 9 (Tone 10) 10 (Tone 11) 11 (Tone 12) 12 (Tone 13) 13 (Tone 14) 14 (Tone 15) 15 (Silent)
Example	ring tone: 3

Parameter – <i>lineN ring tone</i> (where N is a line number from 1 to 9)	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Sets the type of ring tone on the IP phone on a per-line basis. The ring tone can be set to one of 15 distinct rings (or silent).
Format	Integer
Default Value	-1 (Global)
Range	-1 (Global) 0 (Tone 1) 1 (Tone 2) 2 (Tone 3) 3 (Tone 4) 4 (Tone 5) 5 (Tone 6) 6 (Tone 7) 7 (Tone 8) 8 (Tone 9) 9 (Tone 10) 10 (Tone 11) 11 (Tone 12) 12 (Tone 13) 13 (Tone 14) 14 (Tone 15) 15 (Silent)
Example	line1 ring tone: 3

BLF In-Call Ring Splash Support

Previously, ring splashes indicating incoming calls for BLF-monitored extensions would only be played (when configured) if the user's phone was in an idle state. With Release 3.3.1 SP4, Administrators can now configure the 6735i, 6737i, 6865i, and 6867i IP phones to play a ring splash even when the user's phone is in an active call state. The following parameters can be used to enable this feature:

Parameter	Description
play a ring splash	<p>Enables or disables the playing of a short ring splash when there is an incoming call on a BLF-monitored extension.</p> <p>Parameter values are as follows:</p> <ul style="list-style-type: none"> • 0: Disables the feature. • 1: Enables the feature when the phone is in an idle state. • 2: Enables the feature when the phone is in either an idle or active call state. <p>Notes:</p> <ul style="list-style-type: none"> • This global parameter is not dynamic. Changes to this parameter will take effect only after the phone has been rebooted. • Playing a BLF ring splash while in an active call state (i.e. defining the parameter as "2") is only available to the 6735i, 6737i, 6865i, and 6867i IP phones.
prgkeyN ring splash softkeyN ring splash topsoftkeyN ring splash expmodX keyN ring splash hardkeyN ring splash (where N corresponds to the key's number and X corresponds to the expansion module's number)	<p>When a key is configured for BLF functionality, this parameter controls the ring splash alert pattern per key. The following alerting patterns are available:</p> <ul style="list-style-type: none"> • 0: Silence (ring splash off). • 1: Normal (same as current BLF ring splash). • 2: Normal delayed (After a delay of [x] seconds, the ring signal that is the same as the current BLF ring splash is played [use the "ring splash delay" parameter to define the delay]). • 3: Periodic (similar to the normal ring signal that is used by the phone itself. The actual ring melody is based on the current melody set for the line to which the BLF key is associated [use the "ring splash frequency" parameter to define the frequency interval]). • 4: Periodic delayed (same as Periodic but after a delay of [x] seconds, the ring signal that is used by the phone is played [use the "ring splash frequency" parameter to define the frequency interval and the "ring splash delay" parameter to define the delay]). • 5: Low volume (same as the current BLF ring splash but at a lower level to be less intrusive). • 6: Low volume delayed (after a delay of [x] seconds, the ring signal that is the same as the current BLF ring splash is played at a lower level [use the "ring splash delay" parameter to define the delay]). • 7: The behavior is determined by the global parameter "play a ring splash". <ul style="list-style-type: none"> – If "play a ring splash" is defined as 0 then the feature is disabled. – If "play a ring splash" is defined as 1 then the behavior is the same as Normal. – If "play a ring splash" is defined as 2 then the behavior is the same as Normal but the ring splash plays when idle and also during the active call state. • 8: In call delayed (same as Normal delayed but ring splash plays when idle and also during the active call state [use the "ring splash delay" parameter to define the delay]).

Parameter	Description
	<ul style="list-style-type: none"> 9: In call periodic (same as Periodic but ring splash plays when idle and also during the active call state [use the “ring splash frequency” parameter to define the frequency interval]). 10: In call periodic delayed (same as Periodic delayed but ring splash plays when idle and also during the active call state [use the “ring splash frequency” parameter to define the frequency interval and the “ring splash delay” parameter to define the delay]). 11: In call low volume (same as Low volume but ring splash plays when idle and also during the active call state). 12: In call low volume delayed (same as Low volume delayed but ring splash plays when idle and also during the active call state [use the “ring splash delay” parameter to define the delay]). <p>Notes:</p> <ul style="list-style-type: none"> Ring tones are based on the current ring tone set configured on the IP phone. BLF alerting patterns 7 - 11 are applicable to the 6735i, 6737i, 6739i, 6755i, 6757i, 6757i CT, 6865i, and 6867i IP phones only.
ring splash delay	Indicates the delay (in seconds) between the target ringing and the ring splash played when the “...keyN ring splash” parameter is set to a “delayed” alerting pattern.
ring splash frequency	Indicates the frequency interval (in seconds) when the “...keyN ring splash” parameter is set to a “periodic” alerting pattern.
ring splash volume	Indicates the volume of the ring splash from 1 (loudest) to 9 (softest) when the “...keyN ring splash” parameter is set to a “low volume” alerting pattern.

The following table details the ring splash behavior in the different call states/events when this feature is enabled. The behavior is consistent for all audio sources and audio mode configurations.

State	Behavior
Idle	Ring splash played through the speaker.
Active Call	Ring splash played through the speaker.
Call Waiting	Ring splash played through speaker.
Mid-Conference/Transfer Establishment	Ring splash played through speaker.
Do Not Disturb (Idle/In Call)	No ring splash played.
Hold	Ring splash played through speaker.
Ringing - Outgoing	Ring splash played through speaker.
Ringing - Incoming	No ring splash played.
Initiating a direct call pickup of the BLF target	No ring splash played.
Initiating a speed dial of the BLF target	No ring splash played.

Considerations

The following considerations must be taken into account when using this feature:

- When a BLF softkey's ring splash parameter is dynamically changed, the change will not take effect until the BLF target becomes idle.
- The playing of a ring splash will be postponed if it is not allowed to be played in the current state and will start playing if the phone transitions to a state where the ring splash can be played. However, if the BLF target stops ringing before the transition, the ring splash will not be played.
- The playing of a delayed ring splash will be postponed until the delay expires. However, if the BLF target stops ringing before the delay expires, the ring splash will not be played.
- In scenarios where the BLF target goes into the ringing state while an initial in-call ring splash is playing or while a call hold or call waiting reminder is playing, the secondary in-call ring splash will be played 500ms after the current event has ended. The inverse is also true whereby call hold or call waiting reminders will be played 500ms after the BLF ring splash, if they occur while a BLF ring splash is playing.
- In scenarios where multiple keys are configured for periodic ring splashes and multiple BLF targets are ringing, only one periodic ring splash for one target will be played.
- While on an active call, if the "ring audibly enable" parameter is enabled and a call is incoming while a periodic ring splash is playing, the periodic ring splash will stop allowing the incoming call's ring tone to be played, and then resume after the incoming call's ring tone has ended.

Configuring the Play A Ring Splash Setting Using the Aastra Web UI

Use the following procedure in the Aastra Web UI to configure the Play a Ring Splash setting:

1. Click on **Basic Settings ->Preferences ->Directed Call Pickup Settings**

The screenshot shows a configuration window titled "Directed Call Pickup Settings". It contains three rows of settings:

- Directed Call Pickup:** A checkbox that is checked, with the text "Enabled" to its right.
- Directed Call Pickup by Prefix:** An empty text input field.
- Play a Ring Splash:** A dropdown menu currently displaying "Enabled also in call" with a downward arrow.

2. Using the **Play a Ring Splash** drop-down menu, select the preferred setting. Options include:
 - Disabled
 - Enabled
 - Enabled also in call
3. Click **Save Settings** to save your changes.

Note:

This global setting is not dynamic. Changes to this setting will take effect only after the phone has been rebooted.

Enabling/Disabling BLF In-Call Ring Splash Support Using the Configuration Files

Use the following parameter to enable/disable the ring tone via speaker during active calls feature:

Parameter – <i>play a ring splash</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Enables or disables the playing of a short ring splash when there is an incoming call on a BLF-monitored extension.
Format	Boolean
Default Value	0 (Disabled)
Range	0 - 2 0 (Disabled) 1 (Enabled for idle state only) 2 (Enabled for idle state and active call state) Notes: <ul style="list-style-type: none"> • This global parameter is not dynamic. Changes to this parameter will take effect only after the phone has been rebooted. • Playing a BLF ring splash while in an active call state (i.e. defining the parameter as "2") is only available to the 6735i, 6737i, 6865i, and 6867i IP phones.
Example	play a ring splash: 2

<p>Parameter – <i>softkeyN ring splash</i> <i>prgkeyN ring splash</i> <i>topsoftkeyN ring splash</i> <i>expmoDX keyN ring splash</i></p>	<p>Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg</p>
<p>Description</p>	<p>When a key is configured for BLF functionality, this parameter controls the ring splash alert pattern per key. The following alerting patterns are available:</p> <ul style="list-style-type: none"> • 0: Silence (ring splash off). • 1: Normal (same as current BLF ring splash). • 2: Normal delayed (After a delay of [x] seconds, the ring signal that is the same as the current BLF ring splash is played [use the “ring splash delay” parameter to define the delay]). • 3: Periodic (similar to the normal ring signal that is used by the phone itself. The actual ring melody is based on the current melody set for the line to which the BLF key is associated [use the “ring splash frequency” parameter to define the frequency interval]). • 4: Periodic delayed (same as Periodic but after a delay of [x] seconds, the ring signal that is used by the phone is played [use the “ring splash frequency” parameter to define the frequency interval and the “ring splash delay” parameter to define the delay]). • 5: Low volume (same as the current BLF ring splash but at a lower level to be less intrusive). • 6: Low volume delayed (after a delay of [x] seconds, the ring signal that is the same as the current BLF ring splash is played at a lower level [use the “ring splash delay” parameter to define the delay]). • 7: The behavior is determined by the global parameter “play a ring splash”. <ul style="list-style-type: none"> – If “play a ring splash” is defined as 0 then the feature is disabled. – If “play a ring splash” is defined as 1 then the behavior is the same as Normal. – If “play a ring splash” is defined as 2 then the behavior is the same as Normal but the ring splash plays when idle and also during the active call state. • 8: In call delayed (same as Normal delayed but ring splash plays when idle and also during the active call state [use the “ring splash delay” parameter to define the delay]). • 9: In call periodic (same as Periodic but ring splash plays when idle and also during the active call state [use the “ring splash frequency” parameter to define the frequency interval]). • 10: In call periodic delayed (same as Periodic delayed but ring splash plays when idle and also during the active call state [use the “ring splash frequency” parameter to define the frequency interval and the “ring splash delay” parameter to define the delay]). • 11: In call low volume (same as Low volume but ring splash plays when idle and also during the active call state).

Description (continued)	<ul style="list-style-type: none"> • 12: In call low volume delayed (same as Low volume delayed but ring splash plays when idle and also during the active call state [use the “ring splash delay” parameter to define the delay]). <p>Notes:</p> <ul style="list-style-type: none"> • Ring tones are based on the current ring tone set configured on the IP phone. • BLF alerting patterns 7 - 11 are applicable to the 6735i, 6737i, 6739i, 6755i, 6757i, 6757i CT, 6865i, and 6867i IP phones only.
Format	Integer
Default Value	<p>For BLF 0 (Silence)</p>
Range	<p>For BLF 0-12 0 (Silence) 1 (Normal) 2 (Normal delayed) 3 (Periodic) 4 (Periodic delayed) 5 (Low volume) 6 (Low volume delayed) 7 (The behavior is determined by the global parameter “play a ring splash”: – If “play a ring splash” is defined as 0 then the feature is disabled. – If “play a ring splash” is defined as 1 then the behavior is the same as Normal. – If “play a ring splash” is defined as 2 then the behavior is the same as Normal but the ring splash plays when idle and also during the active call state). 8 (In call delayed) 9 (In call periodic) 10 (In call periodic delayed) 11 (In call low volume) 12 (In call low volume delayed)</p>
Example	<p>For BLF: softkey1 ring splash: 8 prgkey1 ring splash: 8 topsoftkey1 ring splash: 8 expmod1 key1 ring splash: 8</p>

Parameter – <i>ring splash delay</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Indicates the delay (in seconds) between the target ringing and the ring splash played when the "...keyN ring splash" parameter is set to a "delayed" alerting pattern. Note: If defined as "0", the ring splash is played immediately.
Format	Numeric
Default Value	7 (seconds)
Range	N/A
Example	ring splash delay: 10

Parameter – <i>ring splash frequency</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Indicates the frequency interval (in seconds) when the "...keyN ring splash" parameter is set to a "periodic" alerting pattern. Note: If defined as "0", the ring splash alerting pattern is treated as Normal or Normal - delayed.
Format	Numeric
Default Value	4 (seconds)
Range	N/A
Example	ring splash frequency: 8

Parameter – <i>ring splash volume</i>	Configuration Files aastra.cfg, <model>.cfg, <mac>.cfg
Description	Indicates the volume of the ring splash from 1 (loudest) to 9 (softest) when the "...keyN ring splash" parameter is set to a "low volume" alerting pattern.
Format	Numeric
Default Value	5
Range	1-9
Example	ring splash volume: 2

Web UI Lock Support

A security enhancement has been implemented in Release 3.3.1 SP4 whereby after multiple failed attempts to access the phone's Web UI, the Web UI access page will be locked for a specified period of time.

Access forbidden

The server has been temporarily locked: Too many failed login attempts.

The period of time is exponential (i.e. the period of time increase relative to the number of failed attempts). The table below details the period of time the Web UI is locked vs. the number of failed attempts made.

# of Failed Attempts	Lockout Time
1-5	N/A
6	1 minute
7	5 minutes
8	15 minutes
9-10	1 hour
11+	12 hours

Issues Resolved in Release 3.3.1 SP4

This section describes the issues resolved on the SIP IP phones in Release 3.3.1 SP4. The following table provides the issue number and a brief description of each fix.

Note:

Unless specifically indicated, these resolved issues apply to all phone models.

Issues Resolved

Issue Number	Description of Fix
Configuration	
ENH37252	6867i: Previously, if special characters (e.g. #, %, etc...) were defined in the username or password as part of an FTP URL, the FTP request would not be sent. In Release 3.3.1 SP4, special characters are now parsed correctly by the phone in such scenarios.
DEF31416/CLN36921	An issue occurred whereby if the "call transfer disabled" parameter was set to 1 (True), a call could still be transferred during a conference call if the user pressed the Leave or Xfer softkey/hardkey. This issue has been corrected.
DEF33910/CLN35859	When connected to an LLDP-enabled port and placed in recovery mode, if the phone was subsequently transferred and connected to a non-LLDP-enabled port, after rebooting the phone incorrectly sent out tagged DHCP discovery packets. This issue has been corrected.
DEF36369/CLN36376	Disabling the parameter "sip diversion display" did not remove the diversion reason from the phone's display when a call was diverted. This issue has been resolved.
DEF36532/CLN37902	A stability issue was observed when the phone was in the middle of uploading system information to an HTTPs server and the connection to the HTTPs server was lost. This issue has been corrected.
DEF37096	An issue was observed whereby updating the firmware using web recovery mode did not update the firmware md5 checksum. This issue has been fixed.
DEF37488	6867i: An issue was observed whereby the phone would not connect to an FTP image server that was configured without a password if the FTP credentials were defined using the regular ftp://<username>@<server> syntax. This issue has been resolved.
DEF37502	When utilizing the TR-069 Upload RPC method to send the configuration file to the defined path, the phone would only send the contents of the local.cfg file. In Release 3.3.1 SP4, the phone now has the ability to upload the server.cfg file by defining the FileType as "X_AAstra Server Configuration File".
DEF37603	When the "tr69 check sync" parameter was configured to send a TR-069 INFORM message to an ACS upon a SIP NOTIFY Check-Sync, it was observed that the CWMP ID sent in the INFORM was not random as was expected. This issue has been corrected.

Issue Number	Description of Fix
DEF37752	The configuration parameter “ring audibly enable” was not functioning as expected in some previous builds. This issue has been corrected.
DEF37925/CLN37947	When the SIP DSCP and RTP DSCP settings were configured with identical values, an issue was observed whereby users were unable to save the changes to the Network Settings page of the phone’s Web UI. This issue has been resolved.
DEF37974/CLN37978	An issue was observed whereby, upon completing a TR-069 backup (i.e. an upload of the local.cfg to the remote server), the phone did not send the expected TRANSFER COMPLETE event to the ACS. This issue has been fixed.
SIP	
DEF32232/CLN36309	An issue was observed whereby after receiving two UPDATES upon a confirmed dialog, the phone would intermittently answer with a 200 OK instead of the expected 500 Error response. This issue has been fixed.
DEF35937/CLN37365	When using the phone in conjunction with specific Session Border Controllers (SBCs) intermittent audio issues were observed due to a new SRTP stream being generated when two SDP offers (183 Session Progress followed by 200 OK) were sent to the phone. These issues have been resolved.
DEF36504	When utilizing the g722 codec it was observed that the R Factor, Ext R Factor, MOSLQ, and MOSCQ values were not being recorded accurately in the RTCP summary reports. This issue has been fixed.
DEF36774	6737i & 6867i: With the phone configured to use SRTP, an audio issue was observed when an INVITE was sent from the phone to refresh the session. This issue has been corrected.
DEF36787	6867i: A stability issue was observed if the phone attempted to download Picture IDs using the HTTP or HTTPS protocol but the file sizes of the PNG files were very large. This issue has been resolved.
DEF36955/CLN37452	When using the phone with the BroadSoft BroadWorks call manager, centralized conferencing issues were observed due to the phone not responding correctly to INVITE requests without SDPs. These issues have been fixed.
DEF37196	6867i: When using the phone (configured in TLS/SRTP mode) in conjunction with the Aastra 5000 call manager, an intermittent issue was observed whereby BLF subscription messages were not being sent by the phone if a user logged out and subsequently logged back in to his/her SIP account. This issue has been corrected.
DEF37385	An issue was observed whereby the phone would send RTP packets with an incorrect DSCP value to the SIP trunk after a call was connected. This issue has been resolved.
DEF37411	When utilizing DNS SRV records for server redundancy along with persistent TLS, if the connection to the first priority server was lost, the period of time it took for the phone to register with the next priority server was considerably longer than expected. This issue has been corrected.
DEF37980/DEF38024	6867i: An issue was observed whereby audio was not functioning as expected on an incoming call when the incoming call was answered while an outgoing call was in the ringback state. This issue has been resolved.

Issue Number	Description of Fix
DEF37471	6867i: An issue was observed whereby the phone (with no RTCP settings configured) would unexpectedly send a PUBLISH request to the SIP proxy if the user established a conference call and pressed the Leave softkey. This issue has been fixed.
DEF37666	An intermittent stability issue was observed when the phone, with LLDP-enabled, was connected to a hub and another LLDP-enabled device was subsequently connected to the same hub. This issue has been corrected.
User Interface	
ENH33402/CLN36744	Users are now able to directly edit the name field of a call record in the phone's Callers List before copying the record to the Directory by pressing the EditNum softkey.
ENH37509	6863i & 6865i: When creating a speed dial softkey through the phone's UI, users were unable to enter a pause command (i.e. comma ",") using the keypad. This issue has been resolved and users can now enter a pause via a keypad by pressing the "1" key twice in succession.
DEF28146/CLN38019	6867i: An issue was observed whereby if the "Switch UI Focus on Ringing Line" option was enabled, the function would incorrectly be performed even in the phone was in a dialing or outgoing state. This issue has been fixed and the function is now only performed when the phone is in a connected or hold state.
DEF31288/DEF34787/ DEF36882/DEF37161/ DEF37409/CLN34838/ CLN37353	Various DTMF-related issues have been fixed in Release 3.3.1 SP4.
DEF33246/CLN36784	6867i: UI issues were observed in certain scenarios when the phone attempted to hold an active call but the hold attempt failed. These issues have been corrected.
DEF36562	6867i: An intermittent stability issue was observed when the phone was restarted from the Aastra Web UI and after rebooting the user immediately pressed the Redial button twice. This issue has been fixed.
DEF37194	6867i: With the "blf activity page switch" parameter enabled, when a BLF-monitored extension on the second page of top softkeys started ringing, the screen incorrectly switched to the third page. This issue has been corrected.
DEF37458	6867i: When the screen language was set to English, the bottom softkey label "Deleteltem" (offered when attempting to delete an entry in the Callers and Redial Lists) was being inelegantly truncated. This issue has been fixed and the label is now simply displayed as "Delete".
DEF38058/DEF38065/ CLN38085	When using the keypad to dial out (either on the Home Screen when in an idle state or multi-view call screen when performing a conference call), a scaling issue with regards to the digits displayed on screen was observed when nine or more digits were entered. This issue has been resolved.
DEF38181	6867i: Pressing the Presence Info key (i.e. the key labelled "i") while the phone was in pre-dial mode caused various display issues with bottom softkey labels. This issue has been fixed.

Issue Number	Description of Fix
DEF38182	6867i: When utilizing handsfree speakerphone mode, establishing a centralized conference would cause the phone to unexpectedly switch the audio mode to the handset. This issue has been corrected.
DEF38187	6867i: With the "Use Network Time" setting disabled under the Time and Date > Set Time and Date option menu, users attempting to manually enter the date were able to input more than four digits for the year field. This issue has been fixed.
XML	
DEF29258/CLN36860	The optional XML volume parameter that controls the volume of the outgoing RTP stream (i.e. "v" for RTPRx and RTPMRx URIs) was not fully functional in previous releases. This issue has been corrected.
DEF37383/CLN37384	6867i: If an XML application used any ISO 8859-1 encoded characters with a hex value between x80 and xA0, the characters would not be displayed on screen correctly. This issue has been resolved.
DEF38057	6867i: When entering a password in an XML application, the password field did not allow users to see each individual character input before changing the character into an asterisk. This issue has been fixed.
DEF38139	6867i: An issue was observed whereby the phone would intermittently not show the expected XML page on screen when a StartUp Action URI was configured and the phone was rebooted. This issue has been resolved.

Contacting Aastra Support

If you have read this release note, and consulted the Troubleshooting section of your phone model's manual and still have problems, please contact Aastra Support via one of these methods:

North America

- Toll Free 1-800-574-1611
- Direct +1-469-365-3639
- Online at <http://www.aastra.com/support>, click on Contact Technical Support

Outside North America

Please contact your regional Aastra Technical Support.



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