Avaya Merlin Legend / Magix Integration Notes for VoiceGate Voice Mail

Switch Programming

The Avaya Merlin Legend / Magix should have a Release 3.X processor or later. If you are unsure of the release level enter the maintenance area in programming and check the release level of the processor.

Maintenance (F6) -> System (F1) -> Inventory (F3) -> Read Legend / Magix Release and Version Information.

To install the VoiceGate Voice Mail to an Avaya Merlin Legend / Magix there must be a 012 / 016 Module available. The voice mail system requires one extension for each voice mail port. The Voice Mail card supports two channels per board jack. Use the supplied cords to connect the voice mail system to your main distribution frame (MDF) and the Merlin Legend / Magix. Channel assignments are as follows:

J1	Red and Green	Channel 1
	Yellow and Black	Channel 2
J2	Red and Green	Channel 3
	Yellow and Black	Channel 4

To install the VoiceGate Voice Mail to a Avaya Merlin Legend / Magix the following features must be set as follows:

A. Creating a Voice Mail hunt group (Direct Group Calling) for the voice mail extensions.

Extensions (F6) -> MORE (PgUp) -> Group Calling (F4) -> Group Coverage (F3) ->

Group # = 770

B. Assign calling group 1 as the receiver for coverage group 770.

Extensions (F6) -> MORE (PgUp) -> Group Calling (F4) -> Group Coverage (F3) -> 770 ->

Group Coverage = 1

C.   The group type for the voice mail group should be Integrated VMI
Extensions (F6) -> MORE (PgUp) -> Group Calling (F4) -> MORE (PgUp) ->
Group Type (F1) -> 770 ->

The Group Type = Integrated VMI

D.   The group calling type the voice mail should be set as linear.

Extensions (F6) -> MORE (PgUp) ->Group Calling (F4) -> Hunt Type (F1) ->

Group Call Type = LINEAR

E.   All the voice mail extension (members) should be entered into group calling 770.

Extensions (F6) -> MORE (PgUp) -> Group Calling (F4) -> Members (F9) -> 770 ->

Group Calling Members = Enter all the voice mail extension.
(Receivers)

F.   Auxiliary Equipment (F7) -> VMS/AA (F6) ->

Transfer Return = 4   (This number must be greater than the Coverage Delay Interval.)

TT Duration = 50 ms

TT Interval = 50 ms

G.   Set the number of rings before a call is sent to voice mail

Options (F7) -> MORE (PgUp) -> Cover Delay (F6) ->

Group Coverage Delay Interval = 3 (Default, System wide)

H. Label the voice mail ports as follows:

MORE (PgUp) -> Labelling (F1) -> Directory (F1) -> Extension (F2) -> Dial extension
number ->

Label each of the voice mail ports as follows:

>
> **VIP4001** for the first AA/VM port.
> **VIP4002** for the second AA/VM port.
> **VIP4003** for the third AA/VM port.
> **VIP4004** for the forth AA/VM port.
> **VIP4005** for the fifth AA/VM port.
> **VIP4006** for the sixth AA/VM port.
> **VIP4007** for the seventh AA/VM port.
> **VIP4008** for the eighth AA/VM port.
> And so on ....

I. The extension that will receive voice mail coverage should be put into group 1.

Extension (F6) -> MORE (PgUp) -> Group Cover (F3) -> Group #1 ->

Enter the extensions that will have voice mail coverage. (Senders)

Automated Attendant Setup (Hybrid/PBX mode ONLY)

Extension (F6) -> MORE (PgUp) -> Group Calling (F4) -> Line/pool (F10) -> 770

       If VoiceGate Voice Mail is to answer external calls all the time, set the Merlin Legend / Magix as above. The extension that C.O. lines appear on should be removed, this will not send an external call to voice mail under COVERAGE

       Enter all the POOL numbers that VoiceGate Voice Mail will answer with automated attendant.

BIS Telephones

       The BIS telephones from a MERLIN II system will work with a 408 or a 408GS/LS (ATL) on the VoiceGate Voice Mail.

The VoiceGate Voice Mail V3.11 should be programmed with a value for the following screens:

User Setup section (Class of Service - Screen 2 of 4)

Call Transfer Mode (0-BNA, 1-BSY, 2-BX):   2
Overhead Page Dial Code: Page Pool code / All Page code
                                             (799) *

Program Setup section

Screen 1 of 5

Call Transfer Dial code: ,&,X
Call Busy/NoAns Dial Code: &,&
Call Hold Dial Code: &,   See note below *
Call Retrieve Dial Code: &,&,   See note below *
Call Retrieve Dial Code: &,&,&,   use this line if overhead paging is connected to a line.

Call Screen Dial Code: &,&,

Screen 2 of 5

Busy On Hold Duration: 5
Page On Hold Duration: 5

Message Waiting Lamp On Dial Code: ,#53,X,
Message Waiting Lamp Off Dial Code: ,#*53,X,
Call Redir Mode   (0-Hold, 1-Rls):   0
Redirect Transfer Dial Code: &,
Redirect Busy/NoAns Dial Code: &,&
Redirect Connect Dial Code: &,

* - If the voice mail system is to do a pickup and a line number

Company Setup section

Message Waiting Lamp Line Number: Last voice mail port
Message Notification Line Number: Second last voice mail port

Voice Mail Port Ext. (1-9999):   First voice mail port extension number, not 770.

NOTE: The extension number used for VoiceGate Voice Mail **MUST** be in numeric consecutive order. If the extensions are on different Extension Modules that is acceptable, but renumber all the extensions with numbers in consecutive order.

System Setup

Flash On-Hook Time (&) (10ms) : 55
Dialout Pause Time   (,) (10ms) : 150
DTMF Interdigit Delay   (10ms) : 10
Dialout DTMF Duration (10ms) : 15
Off Hook Delay   (10ms) : 15
Ring On Time   (10ms) : 3
Ring Off Time   (10ms) : 5

Channel Setup

The values in the Channel Setup section of the voice mail system should not be changed unless a VoiceGate technician instructs you to do so.

SPM programming through the VoiceGate Voice Mail (V3.11)

The VoiceGate Voice Mail has the ability to transfer a call made by a service technician to the Merlin Legend / Magix modem (*10). This ability allows a service technician to service a Merlin Legend / Magix at any time of the day without disturbing the customer.

To use this function perform the following:

A. From your computer start **SPM**.

B. At the SPM screen enter in

" **atdt,9,telephone no.;** "

at	Required command prefix.
dt	Dials the specific phone number
,	(Comma) Two-second pause
9	The normal code to access an outside telephone line from within a telephone system
telephone no.	The telephone number of the site you wish to program
;	(Semicolon) Return to Command mode after dialling

C. After SPM dials the customer site, SPM will return with an "**OK** " on the screen. At this point enter the following on the SPM screen and press **ENTER** when you hear the company message.

" **atdt,#,SysID,Passcode** "

at	Required command prefix.
dt	Dials the specific phone number
,	(Comma) Two-second pause
SysID	System Administrator ID number
Passcode	System Passcode in Reverse

D. The call will now be transferred to the Merlin Legend / Magix modem (*10) and you should be able to enter the site password and continue on.

NOTE: If this feature is to be used the system password must be changed from the default (*99*99) and should **NOT** be one of the following:

1. A single digit system password
2. A number that is the same (eg. 99, 9999, 111)

Night Service

Night Service can be set up so that the Automated Attendant will answer outside calls when the company is closed. When the Merlin Legend / Magix is put into Night Service, outside calls will be answered by the Automated Attendant with the appropriate company message if there are multiple companies.

To get a full description and programming instructions, consult the Night Service feature section in the Avaya Communication System Feature Reference Manual.

Delay Answer of Voice Mail System

Delay answer of outside calls by the Auto Attendant is useful when a company would like to answer calls with a live person, then if that person is busy or unavailable to answer the call the Automated Attendant could answer the call.

To get a full description and programming instructions consult the Ringing Options feature section in the Avaya Communication System Feature Reference Manual.

Direct Voice Mail

Direct Voice Mail allows you to place or transfer a call directly to another person's voice mail box without ringing that person's telephone. If a telephone does not have Coverage, then the Merlin Legend / Magix will not allow you to perform a Direct Voice Mail function.

Direct Voice Mail works in KEY and HYBRID/PBX mode only with Release 3.0 and later.

To get a full description and programming instructions, consult the Ringing Options feature section in the Avaya Communication System Feature Reference Manual.

DID and Voice Mail

Calls that come in to the Merlin Legend / Magix by DID trunks and ring no-answer or busy will follow the coverage path of that extension.

To get a full description and programming instructions, consult the DID Trunks section in the Avaya Communication System Release 3.0 System Programming Manual.

<u>Overhead Page</u>

The overhead page feature of the voice mail system is useful if one or more individuals are away from their desk but still would like to answer all of their calls. To use this feature, the Merlin Legend / Magix must be set up to page either over the speakerphones, external paging system or both.

Overhead Paging (Post page)

The overhead page (post) will page a voice mail user if the caller presses 3 when the personal greeting is playing.

In each the Class of Service set the following:

Overhead Page Dial Code:	See note 1
Overhead Page Prompt:	D
Overhead Page type:	1 - Post

Note 1:

Paging codes for the Merlin Legend / Magix are as follows:

Internal Paging	793-798
Combined Paging	799

Note 2:

Users that wish to use the paging feature will have to record in their normal personal greeting message, instructions for the caller to press "3" to page them.

In Program Setup, set the following:

Page on Hold Duration:	5
Call Hold Dial code:	&,,
Call Retrieve Dial code:	&,&,

In Company Setup page 2, set the following:

Overhead page message: 1

Overhead Paging (Pre page)

The overhead page (pre) will page a voice mail user before the caller is transferred to their extension.

In each Class of Service, set the following:

Overhead Page Dial Code: See note 1

Overhaed Page Prompt: D

Overhead Page type: 0 - Pre

Note 1:

Paging codes for the Merlin Legend / Magix are as follows:

Internal Paging   793-798
Combined Paging   799

Note 2:

Users that wish to use the paging feature will have to record in their normal personal greeting message, instructions for the caller to press "3" to page them.

In Program Setup set the following:

Page on Hold Duration: 5
Call Hold Dial code: &,,
Call Retrieve Dial code: &,&,

In Company Setup page 2, set the following:

Overhead page message: 1

To get a full description and programming instructions consult the Page Options feature section in the Avaya Communication System Feature Reference Manual.

Buttons for Message pickup

Program a button if available on a MLX telephone so that when the message light is turned On, the user can press it and call 770.

Call Redirect

The call redirect function of VoiceGate Voice Mail allows an individual to receive calls at an external phone number. The voice mail system will call the pre-programmed phone number in phone list 5 of their voice mail box and connect the call. If the called number is busy or not available the VoiceGate Voice Mail will play the personal greeting message .

NOTE:

When a call redirect function is performed the calling party and the called party will experience an audio loss. The audio loss experienced is a function of the Merlin Legend / Magix and not the VoiceGate Voice Mail. The same audio loss will occur if a manual call redirect was performed. It is recommended to subscribe to centrex lines if the audio loss is too great.

Caller ID

If VoiceGate Voice Mail answers outside calls in a Automated Attendant mode, it will transfer the call and all the Caller ID information to that extension if you subscribe to a caller identification service from the local phone company.

An 800 GS\LS ID module must be used. This module is not compatible with releases prior to Release 3.0.

Caller ID will only work on loop-start trunks but **NOT** ground-start trunks.

Caller ID information is only supported on the Merlin Legend / Magix with MLX display telephones.

NOTES:

Coverage will work in KEY, HYBRID/PBX and Behind Switch.

Coverage VMS will work in KEY and HYBRID/PBX mode only. (Release 2.0 and later)

Table 1-1. Telephone Programming Codes

Feature	Code
Account Code Entry	***82**
Alarm	***759**
Authorization Code	***80**
Auto Answer All	***754**
Auto Answer	***753**
Auto Dial	
Inside (ext., group, zone)	***22** + ext. no + Enter
Outside	***21** + tel. no. + Enter
Automatic Line Selection	
Enter	***14**
Exit	****14**
Barge-In †§	***58**
Callback Automatic	
On	***12**
Off	****12**
Selective	***55**
Call Waiting	
On	***11**
Off	****11**
Camp-On	***57**
Conference	***722**
Coverage Receiver Buttons	
Primary	***40** + ext. no. + Enter
Secondary	***41** + ext. no. + Enter
Group	***42** + group no. + Enter
Coverage Sender Buttons	
Cover in/outside calls	***48**
Cover outside calls only	****48**
Coverage Off	***49**
VMS Off	***46**

Data Status	***83** + ext. no. + Enter
Direct Voice Mail	***56**
Do Not Disturb	***47**
Drop	***773**
Extension Status	
Direct-Line Console §	
Status Off	***760**
Status 1	***761**
Status 2	***762**
Telephones	
Status 1	***45**
Status 2	***44**
Feature Button	***20**
Forward	***33**
Group Calling	
In-queue alarm button	***22** + group no. + Enter
Calling group supervisor	
Available (ES2)	***762**
Unavailable	***760**
Calling Group Members	
Sign-in (available)	***44**
After work call state	***45**
Group Page	***22** + group no. + Enter
Headset *	
Auto Answer	***780**
Hang Up †	***781**
Mute	***783**
Status	***782**
Last Number Redial	***84**
Messaging	
Leave Message	***25**
Message LED Off	***54**
Posted Message	***751**
Send/Remove Message §	***38**
Receiving Messages	
Delete Message +	***26**
Next Message +	***28**
Return Call +	***27**
Scroll Message +	***29**

Night Service §   ***39**

Notify

    Send   ***757** + ext. no. + Enter

    Receive   ***758** + ext. no. + Enter

Park   ***86**

Park Zone Auto Dial §   ***22** + Park Zone

Personal Speed dial   # + (01-24) + ***21** + Telephone number

Personalized ring   ***32** + ring. no. (1-8)

Pickup

    General use   ***9**

    Specific extension   ***9** + ext. no. + Enter

    Specific Line   ***9** + line no. + Enter

    Group   ***88**

    Position Busy §   ***750**

Privacy   ***31**

Recall   ***775**

Reminder Service

    Set   ***81**

    Cancel   ****81**

    Missed   ***752**

Ring Idle Line Preference

    On   ***343**

    Off   ***344**

Ringing Options

Ring Timing

Timing Individual Lines

    Immediate Ring   ***37**

    Delay Ring   ***36**

    No Ring   ***35**

All Lines

    Immediate Ring   ***347**

    Delay Ring   ***346**

    No Ring   ***345**

Abbreviated Ring

    On   ***341**

    Off   ***342**

Send Ring (Shared SA)
     On   ***15**
     Off   ****15**

Saved Number Dial   ***85**

Send/Remove Message §   ***38**

Signalling   ***23** + ext. no. + Enter

System Access Intercom/Buttons

Assign Buttons §
     Ring   ***16**
     Originate Only   ***18**
     Shared System Access   ***17** + primary ext. no. + Enter

Change Type Button
     Ring   ****19**
     Originate Only   ***19**

System Speed   ***24** + code (600-729) + Enter

 Dial Transfer   ***744**

Voice Announce
     On   ***10**
     Off   ****10**

* MLX telephones only.

† Centralized telephone programming only.

+ Analog display telephone only. MLX display telephone use display instead of programmed buttons.

§ System operator only.

NOTE:

     Information from "Avaya Merlin Legend / Magix Communication System Release 3.0 System Programming Manual, Avaya 555-630-111, August 1994, Centralized Telephone Programming"

System Programming Hierarchy

      The following table shows all of the options that are available under each of the System Programming main menu options displayed on the system programming console.
A brief description of each option is provided.

      Main menu options are shown in a separate box. First level options are bold, second level options are preceded by an asterisk (*). The remaining levels are shown with increasing amounts of indentation.

Description

System

Restart	Restarts the system (cold start)
Sprog Port	Extension used for system programming
Mode	Sets the system mode. See Equipment and Operations
* Key	
* Hybrid/PBX	
* BehindSwitch	
Board Renum	Renumbers boards that have already been installed
MaintenBusy	Enables Automatic Maintenance Busy
* Enable	
- Auto Busy	
Tie Trunks	
- Enable	
- Disable	
* Disable	Disables Automatic Maintenance Busy
Date	System date
Time	System time
Back/Restore	
* Backup	Backups system programming to a memory card
* Restore	Restores system programming from a memory card
* Auto Backup	Automatic backup
- Off	Turns off automatic backups
- Daily	Daily backups of system programming
- Weekly	Weekly backups of system programming

Description

SysRenumber

Default Numbering   Default extension numbering plans
* 2-Digit
* 3-Digit
SetUp Space

Single   Single extension renumbering
* Lines*   Lines/Trunks
* Extensions*   Extensions
* Pools*   Pools (Hybrid/PBX only)
* Group Page*   Paging Group
* GrpCalling*   Calling Group
* Adjuncts*   Adjuncts
* Park*   Park
* ARS DialOut   Automatic Route Selection dial out (Hybrid/PBX only)
* Remote Accs   Remote Access
* DSS Buttons*   Page buttons on the DSS
* ListDirctNo   Listed directory number
Block   Block extension renumber
* Lines
* Extensions
* Adjuncts

Description

Operator

Positions	System operator positions
* Direct Line*	Direct-Line Console (DLC)
* Queued Call*	Queued Call Console (QCC)
Queued Call	QCC optional features (Hybrid/PBX mode only)
* Hold Rtrn	Hold Return
- Return to Queue	
- Remain on Hold	
* HoldRelease	Automatic hold or release
- Auto Hold	
- Auto Release	
* Threshold	Queue over threshold
* ElvatePrior	Elevate priority
* InQue Alert*	Calls-In-Queue Alert
- InQue Alert Enable	
- InQue Alert Disable	
* Call Type	QCC Operator to Receive Call Types
- Dial 0	Dial 0 Calls
- Priority	
- Operator*	
- Follow/Frwd	Forward/Follow Me Calls
- Unassign DID	DID call to invalid destinations
- Priority	
- Operator*	
- ListedNumber	Call to the Listed Directory Number
- Priority	
- Operator*	
- GCC Ext	GCC Extension calls
- Returning	Returning calls
- Priority	
- Operator*	
-GrpCoverage	Group Coverage calls
- Priority	
- Operator *	
* Msg Center *	Message center operation
* ExtndComplt	Extended call completion
- Automatic Complete	
- Manual Complete	
* Return Ring	Return Ring
* QCC Backup	Position busy backup

Description

Operator

Hold Timer   System wide hold timer for QCC and DLCs
DLC Hold   DLC Operator Automatic Hold
* Auto Hold Enable
* Auto Hold Disable

Description

LinesTrunks	Lines/Trunks options
LS/GS/DS1	Loop-start, ground-start or DS1 options
* (DS1)	DS1 options
- Type	Type of DS1 facility
-T1	
- GroundStart*	Ground-start emulation on selected channels
- Loop Start*	Loop-start emulation on selected channels
- TIE	Tie Trunk emulation on selected channels
- TIE-PBX*	Tie-PBX transmit/receive loss parameter
- Toll*	Toll transmit/receive loss parameter
- Unequipped	Unused channels
- All Ground	Ground-start emulation on all channels
- All Loop	Loopstart emulation on all channels
- All TIE	Tie Trunk emulation on all channels
- TIE-PBX	Tie-PBX transmit/receive loss parameter
- Toll	Toll transmit/receive loss parameter
- All Unequip	All channels unequipped
- DID*	DID emulation on selected channels
- All DID	DID emulation on all channels
- PRI	Primary rate Interface
- Frame Format	Framing format for the 100D module
- D4 compatible	
- Extended Super Frame	
- Suppression	Type of zero code suppression
- AMI ZCS	
- B8ZS	
- Signalling	Signalling mode
- Robbed Bit	
- Common Channel	
- Line Comp	Line compression
- Clock Sync	Module to provide primary, secondary or
- Priority	tertiary clock synchronization
- Primary	
- Secondary	
- Tertiary	
- None	
- Source	Clock Source
- Loop	
- Local	
- Activation	Clock Activation
- Active	
- Not Active	

Lines/Trunks (Continued)

- ChannelUnit   Type of equipment provided by telephone company
    - Foreign Exchange
    - Special Access
* (4xx GS/LS)   Line/Trunk type for 4xx GS/LS module
  - GroundStart*
  - Loop Start*
  - All Ground
  - All Loop
* (8xx GS/LS)   Line/Trunk type for 8xx GS/LS module
  - GroundStart*
  - Loop Start*
  - All Ground
  - All Loop
TIE Lines
* Direction   Tie trunk direction
  - Two Way
  - OutGoing
  - Incoming
* Intype   Signaling type: incoming tie trunk
  - Wink
  - Delay
  - Immed
  - Auto
* Outtype   Signaling type: outgoing tie trunk
  - Wink
  - Delay
  - Immed
  - Auto
* E&M Signal   Type of tie trunk signal
  - Type 1S
  - Type 1C
  - Type 5
* Inmode†   Set incoming tie trunk to touch tone or rotary
* OutMode†   Set outgoing tie trunk to touch tone or rotary
* Dialtone†   Tie trunk dial tone
* AnsSupvr   Tie trunk answer supervision time
* Disconnect   Tie trunk disconnect time

Lines/Trunks   (Continued)

TT/LS Disc
* OutMode†   Outmode Signaling for loop- or ground-start trunks
* LS/Disconnect   Disconnect signaling reliability
  - Yes
  - No
DID   Did Trunk Options
* Block†
* Type   DID trunk type
  - Immed
  - Wink
* Disconnect   DID trunk disconnect time
* ExpectDigit   Expected digits
* DeleteDigit   Delete Digits
* Add Digits   Add digits
* Signaling   Type of dialling signal
  - Rotary
  - Touch Tone
* InvalDstn   Directing outside calls on invalid extension
  - Send To Backup Extension
  - Return Fast Busy
PRI   Primary Rate Interface (PRI) trunk options
* Phone Number   Telephone number to each PRI channel
* B-ChannelGRP   Assign B-channel groups.
  - Lines*†   Assign lines to B-channel groups
  - Network Serv   Network Service
    - Avaya Toll   Avaya toll service
      - MegacomWats
      - ACCUNET SDS
      - SoftDefNetw
      - Megacom 800
      - MULTI QUEST
      - LongDistnce
   - Local   Local Service
      - OUTWATS
      - 56/64 Digit
      - VirtPrivNet
      - OUTWATS

Description

Lines/Trunks (Continued)

    - Misc   Miscellaneous Network service
      - Other
      - CallByCall
    - Copy Number   Copy telephone number to send
      - Copy PhnNum
        to NumToSend
      - Do Not Copy
        Phone Number
    - Incoming Rtg   Incoming Routing
      - Routing by Dial Plan
      - Route by Line Appearance

* NumberToSend   Telephone number to send to the network
  - Extension Only
  - Base Number with Ext.
    - Line Telephone Number

* Test TelNum   Line/Trunk test telephone number

* Protocol
  - Timer   Timers and counters
    - T200 Timer
    - T203 Timer
    - N200Counter
    - N201Counter
    - K Counter
    - T303 Timer
    - T305 Timer
    - T308 Timer
    - T309 Timer
    - T310 Timer
    - T313 Timer
    - T316 Timer
  - TEI   Terminal equipment identifier

Description

Lines/Trunks   (Continued)

* DialPlanRtg   Dial Plan Routing
  - Avaya Toll   Avaya toll service
    - MegacomWats
      - Megacom 800
      - ACCUNET SDS
      - SoftDefNetw
      - MULTI QUEST
      - MegacomWats
      - LongDistnce
    - Local   Local Service
      - OUTWATS
      - 56/64 Digit
      - VirtPrivNet
      - OUTWATS
  - Misc   Miscellaneous service
      - Other
      - Any Service
      - No Service
  - Patterns
  - TotalDigits
  - DeleteDigit
  - Add Digits
* OutgoingTbl   Outgoing Table
  - NetwkSelect   Network selection
  - SpecialServ   Special services
    - Pattern
    - Operator
    - Local Operator
    - Presubscribed Carrier
    - No Operator
    - Type of Number
    - National
    - International
    - DeleteDigit

Description

Lines/Trunks (Continued)

  - CBC Service   Call by Call service
    - Patterns
    - Voice Data
        - Voice Only
        - Data Only
        - Voice/Data
  - NetworkServ   Network service
    - Avaya Toll   Avaya toll service
        - MegacomWats
            - Megacom WATS
            - ACCUNET SDS
            - SoftDefNetw
            - LongDistnce
    - Local   Local Service
        - OUTWATS
        - 56/64 Digit
        - VirtPrivNet
  - Misc   Miscellaneous service
        - Other
        - No Service
  - Delete Digit

Copy   Copy options for lines/trunks
* Single
* Block

Remote Access   Remote Access option
* LineTrunks*   Remote Access trunk assignments
  - Dedicated
  - Shared
  - No Remote
* Non-TIE   Non-Tie Lines: Remote Access options
  - BarrierCode   Barrier code requirements
    - Barrier Code Required
    - Barrier Code Not Required

Lines/Trunks   (Continued)

- Restriction	Non-Tie trunk restriction
- unrestricted	
- Outward Restrict	
- Toll Restrict	
- ARS Restrict	Tie and DID trunk ARS Facility Restriction Level
- Allow List	Tie and DID trunk Allowed Lists assignment
- DisallowLst	Tie and DID trunk Disallowed Lists assignment
* BarrierCode	Barrier code options
- SProg/Maint	Not currently available
- Code Info	Barrier code information
- Code Length	Barrier code length
- Code Entry	Barrier code assignment
- Restriction	Remote Access with barrier code: restrictions
- Unrestricted	
- Outward Restrict	
- Toll Restrict	
- ARS Restrict	Remote Access with barrier code: ARS Restriction
- Allow List	Remote Access with barrier code: Allowed Lists
- DisallowedLst*	Remote Access with barrier code: Disallowed Lists
* AutoQueuing	Automatic Callback on busy pools or extensions
- Enable	
- Disable	
Pools†	Trunk to Pools assignment
Toll Type†	Toll prefix (1 or 0) requirement
HoldDiscnct†	Hold disconnect interval
PrincipalUsr	Principal user for personal line
QCC Prior†	QCC queue priority level
QCC Oper†	QCC operator to receive calls
LS-ID Delay	LS-ID delay for 800 LS-ID module

Description

Extensions

LinesTrunks	Lines or trunks (buttons on a telephone)
Line Copy	Copy outside line/trunk options
* Single	
* Block	
Dial OutCd†	Pool dial-out code restrictions
Restriction	Outward/toll restrictions
* Unrestricted	
* Outward Restrict	
* Toll Restrict	
RestrctCopy	Copy calling restriction, Allowed Lists, and Disallowed
* Single	Lists
* Block	
Account*	Account code entry
BIS/HFAI*	Built in Speakerphone/Hands Free Answer on Intercom
Call PickUp*	Call pickup group
VoiceSign1*	Assign voice pair to provide Voice Announce to Busy
Ext Status*	Extension Status: hotel or Group Calling/Call Management
	System (CMS) Configuration
Group Page*	Paging group members
Group Cover*	Coverage group members
Grp Calling	Calling group members and options
* Hunt Type	Hunt Type
- Circular	
- Linear	
* Delay Announce	Group Calling Delay announcement
* GrpCoverage†	Group Coverage receiver
* Message	Group Calling message waiting indicator
* Queue Alarm	Group Calling Calls-In-Queue Alarm threshold
* Xtnl Alert	Group Calling external alert for Calls-In-Queue Alarms
* Overflow	Group Calling overflow and threshold
* Members*	Calling group members
* Line/Pool*	Group Calling line/trunk or pool assignment
* Group Type	Group Type
- Auto Login	
- Auto Logout	
- Integ VMI	
- Generic VMI	
ARS Restrict	Assign Facility restriction level (Hybrid/PBX only)
Mic Disable*	Limit the use of speakerphone on a MLX telephone
Remote Frwd*	Allow or disallow call forward to outside number

Description

Options

Auth Code	Authorization codes
Transfer	Transfer options
* Return Time	Transfer return time (number of rings)
* One Touch	One Touch Transfer/One Touch Hold
- Transfer	
- Manual	
- Automatic	
- Hold	
* Audible	Transfer audible
- Music On Hold	
- Ringback	
* Type	Type of Transfer
- Voice Announce	
- Ring	
CampOn	Camp-On return time
Delay Ring	Number of rings for the Delay Ring interval
Callback	Callback request number of rings
Ext Status	Extension status mode
* Hotel	
* GrpCall/CMS	
SMDR	SMDR options
* Format	SMDR format
- Basic SMDR	
- ISDN SMDR	
* Call Length	Minimum Length of time before a call is recorded
* Call Report	SMDR call report type
- IN/OUT	Incoming and outgoing calls
- Out Only	Outgoing call only
* New page	
* Auth Code	
Inside Dial	System dial tone
* Inside	
* Outside	
Reminder Srv	Time of day reminder service calls are cancelled
Unassigned	Extension number to receive redirect calls made to an
* QCC Queue	unassigned extension
* Extension	
* Grp Calling	

Description

Options (Continued)

BehindSwitch	Host system (Behind Switch mode) dial codes
* Transfer	for Transfer, Conference or Drop
* Conference	
* Drop	
Recall Timer	Length of the timed flash sent when Recall is used
* 350 ms	
* 450 ms	
* 650 ms	
* 1 sec	
Rotary	Dial digits on rotary dial trunks
* Delay	
* No Delay	
Coverage Delay	Number of rings before a call is sent to group coverage
Inter-Digit	This option is not yet implemented. See "Interdigit Timer"

Description

Tables

Allow List	Establish Allowed Lists
Allow To	Assign an Allowed List to a given extension
Disallow	Establish a Disallowed List
Disallow To	Assign List to a given extension
ARS	Program Feature for Automatic Route Selection (ARS)
* ARS1+7Dial	1 + 7-Digit Dialling requirements
- Within Area Code	
- Not Within Area Code	
* ARS Input	Create/Change ARS Tables
- 6-Digit	
- Area Code†	
- Exchange†	
- 1+7†	
* Sub A Pools	Subpattern A pool routing
* Sub A FRL	Subpattern A Facility Restriction Level (FRL)
* SubA Absorb	Subpattern A digit absorbtion
* Sub B Start	Subpattern B start time
* Sub B Stop	Subpattern B stop time
* Sub B Pool	Subpattern B pool routing
* Sub B FTL	Subpattern B Facility Restriction Level (FRL)
* SubB Absorb	Subpattern B digit absorption
* Sub B Digit	Subpattern B other digits
* SpecialNumber	N11 Special Number table
- ARS FRL	
- ARS Digit	
* Dial 0	Dial 0 Table
- ARS Pool	
- ARS FRL	
- ARS Digits	
* Sub A Data	Voice and /or data routing for Subpattern A
- Voice Only	
- Data Only	
- Voice/Data	
* Sub A Data	Voice and /or data routing for Subpattern B
- Voice Only	
- Data Only	
- Voice/Data	

Description

AuxEquip

MusicOnHold   Line/trunk jack for a music source
Ldspkr Pg*   Loudspeaker Paging equipment
FAX
* Extension*   Extension jack to be used for fax machine
* Msg Waiting*   Message waiting indication
* Threshold   Fax threshold duration
MaintAlarm   Maintenance alarms
VMS/AA   Voice Messaging System and Automated Attendant
* TransferRtn   Transfer Return (number of rings)
* TT Duration   Touch-tone Duration
* TT Interval   Touch-tone Interval

Description

NightSrvce

GroupAssign   Night Service group assignment
* Extensions*
* Calling Grp
OutRestrict   Password for use with out of hours calls
Emergency   Emergency number free from password requirement
ExcludeList*   Extension exempt from night service restrictions
Start*   Time of Night Service is activated
Stop*   Time of Night Service is de-activated
Time Control   Turn Night Service Control on or off
* On
* Off
Directory
* System   System directory and internal speed dial number
* Extension   Extension to identify internal callers
* Personal   Personal Directory listing
LinesTrunks   Label used to identify line or trunk
PostMessage   Change posted messages
Grp Calling   Calling groups

	Description
Data	Data Options
Voice/Data*	Analog multiline Telephone with voice and data

	Description
Print	Print system reports
All	Print all reports
SysSet-Up	System Information report
Dial Plan	Dial Plan report
Labels	Label Information report
Trunk Info	Trunk Information report
* TIE	Tie Trunk Information report
* DID	DID Trunk Information report
* Loop/Ground	GS/LS Trunk Information report
* General	General Trunk Information report
T1 Info	DS1 Information report
PRI Info	PRI (Primary Rate Interface) Information report
RmoteAccess	Remote Access (DISA) report
Oper Info	Operator Information report
AllowList	Allowed Lists report
AllowListTo	Access to Allowed Lists report
DisallowList	Disallowed Lists report
Disallow ListTo	Access To Disallowed Lists report
ARS	Automatic Route Selection report
Ext Direct	Extension Directory report
Sys Direct	System Directory report
Group Page	Group Paging report
Ext Info	Extension Information report
GrpCoverage	Group Coverage Information report
Grp Calling	Direct Group calling Information report
Night Service	Night Service Information report
Call Pickup	Group Call Pickup report
Error Log	Error Log report
Auth Code	Authorization Code Information report

	Description
Cntr-Prg	Centralized telephone programming
Program Ext	Extension Programming
Copy Ext	Copy extension programming

	Description
Language	Language Option
SystemLang	System language
* English	
* French	
* Spanish	
Extensions	Language for a single extension or block of extensions
* Single	
- English	
- French	
- Spanish	
* Block	
- English	
- French	
- Spanish	
SMDR	SMDR language
* English	
* French	
* Spanish	
Printer	Language for printed reports
* English	
* French	
* Spanish	

*   The Inspect feature can be used with this menu option. Press Inspect or PgDn.

†   The Inspect feature can be used in entry mode with this menu option. Press Inspect or PgDn while in entry mode.

NOTE:

Information from "Avaya Merlin Legend / Magix Communications System Release 3.0 System Programming Manual, Avaya 555-630-111, August 1994, Programming Basics"