BELLSOUTH

BellSouth Interconnection Services
675 West Peachtree Street
Atlanta, Georgia 30375

Carrier Notification
SN91084299

Date: November 16, 2004

To: Competitive Local Exchange Carriers (CLECs)

Subject: CLECs – (Documentation/Guides) - Update to the BellSouth Local Exchange Ordering
               Implementation Guide (LEO-IG), Volume 2, Issue 9**b** for Release 17.0

This is to advise that BellSouth has identified the following documentation defects in the Local
Exchange Ordering Implementation Guide (LEO-IG), Volume 2, Issue 9**b** for Release 17.0.

CCP Number	Description Of The Change
2083	Update to RingMaster restrictions: Add additional restriction information related to ordering RingMaster. TouchStar section (40.1.2): Add a restriction regarding obsolete USOCs and update examples.
2088	Modify the EZ touchtone Service USOCs table in the LEO-IG to prohibit the BUS TTB in North Carolina-NC. Update (existing) Hernando and Memphis USOC tables.

Please refer to the attachments for specific details of the changes listed above.

These changes will be reflected in the next update of the Local Exchange Ordering Implementation
Guide (LEO-IG), Volume 2, Issue 9**c,** scheduled to be posted on November 22, 2004.

A summary of all changes within the document will be listed in the **Summary of Changes** section. This
update can be found on the BellSouth Interconnection Services Web site in the Customer Guides
Section at:

http://interconnection.bellsouth.com/guides/html/usoc.html

Please contact your BellSouth local support manager with any questions.

Sincerely,

ORIGINAL SIGNED BY JERRY HENDRIX

Jerry Hendrix – Assistant Vice President
BellSouth Interconnection Services

Attachments

CCP 2083 Attachment Listed Below

RINGMASTER® SERVICE

RingMaster® Service:

Description:

RingMaster® Service allows additional number(s) working on one line to provide different ringing patterns, allowing the customer to screen incoming calls.
RingMaster® Service enables two or three directory numbers to share same line/same address. Each number has a distinctive ring. Customer will know who a call is for or who's calling, just by the ring.
If customer wants RingMaster® Service to provide additional numbers & distinctive ringing for use with FAX machine or modem (data line), it requires that they purchase a device called Ring Decipher.

Example: Customer could have one line but still have a separate telephone number for their FAX machine or modem. Every time a FAX or data transmission is sent, customer can identify it by the number of telephone rings.

RingMaster® Service options are:
RingMaster® I (with one additional telephone number)
RingMaster® II (with two additional telephone numbers)

FEATURE INTERACTIONS:

Call Return (CR) and Repeat Dial (RD) calls generate a distinctive ring (Short, Short, Long) which is different from any of the RingMaster® (RM) ring patterns. CR, RD, and RM can coexist on one line.

Anonymous Call Rejection will reject all RingMaster® numbers if the RingMaster® calling subscriber has Per-Line Blocking or activates Per-Call Blocking.

When a RM customer makes an outgoing call, the Main (Primary) and RingMaster® numbers are blocked if Per-Line Blocking or Per-Call Blocking is activated.

FEATURES:

RingMaster® Service ringing patterns and Call Waiting Tones are:

Patterns	Rings	Call Waiting Tone
A	Normal	Normal
B	Short, Short	Short, Short

C EWSD Ring Master II only	Short, Long, Short	Short, Long, Short
D	Short, Long, Short	Short, Long, Short
E 5ESS ONLY RingMaster II only	Short, Long, Short	Short, Long, Short

FID	Data/Code Set	USED WITH :
RNP	B	DRS/DRS1X for ringing pattern on 1st dependent number
RNP	C (1A-Remote only)	DRS for ringing pattern on 1st dependent number
RNP	C (EWSD only)	DRS1X/DRS2X for ringing pattern on 2nd dependent number
RNP	D	DRS2X for ringing pattern on 2nd dependent number
RNP	E (5ESS only)	DRS2X for ringing pattern on 2nd dependent number

The following details ring cycle patterns in seconds and milliseconds. The ring pattern is also provided.
1AESS, 5ESS, DMS-100, EWSD, SBCR

The following details ring cycle patterns in seconds and milliseconds. The ring pattern is also provided.

Number	Rings	Pattern
Primary Number	2 seconds on; 4 seconds off	Normal Ring
Secondary Number	800 milliseconds on; 400 milliseconds off; 800 milliseconds on; 4 seconds off	Short - Short
Tertiary Number	300 milliseconds on; 200 milliseconds off; 1 second on; 200 milliseconds off; 300 milliseconds on; 4 seconds off	Short - Long - Short

BELLSOUTH ®

DMS-10

This office is only able to provide RingMaster 1 capability.

Number	Rings	Pattern
Primary Number	2 seconds on; 4 seconds off	Normal Ring
Secondary Number	768 milliseconds on; 512 milliseconds off; 768 milliseconds on; 4.09 seconds off	Long - Short - Long

Restrictions:

- Available on individual single lines terminating in single line sets only
- There is only one talking path
- It's a terminating service only
- Originating calls are on the master number
- **RingMaster® number must be the same NPA in the DMS10 and DMS100 switches**
- **All RingMaster® numbers must be different from the main (primary) number**
- ?was this item 'deleted'
- ?was this item 'deleted'
- ?was this item 'deleted'

Not compatible with:

- Trunks
- Multi-line Hunting
- Foreign Exchange FX / Feature Group-A (FGA)
- Remote Call Forwarding
- Customer switching or key equipment and some electronic sets
- **Grandfathered Prestige services**
- **Back-up lines in DMS100 switch**
- **Centrex/ESSX**
- **RingMaster® II (DRS2X) is incompatible with Call Selector (NSK)**

NOTE: RingMaster® is compatible with Series Complete Hunting in all switch types except 1AESS.

- All RingMaster numbers must be in the same central office as the primary number.
- Calling cards are available on RingMaster® numbers.
- Primary number requires a PIC selection.
- RingMaster® additional telephone numbers do not require a PIC selection.
- RingMaster® is provided subject to the availability of facilities.

(Refer to GSST Tariff A13 for additional information)

LEO-IG Volume 2

Restrictions

- TouchStar® service is provided subject to the availability of facilities
- Features described will only operate on calls originating and terminating within TouchStar® service equipped offices
- Feature screening lists can only contain telephone numbers of subscribers served out of TouchStar® service equipped offices
- TouchStar® service basic features will not work on an originating basis with toll terminals, trunks or some remote switching locations.
- Calling party information, name or number is not available via Caller ID-Basic, Deluxe or Enhanced and Call Tracking on operator assisted calls
- **Products identified as Obsolete in the Tariff are not allowed as inward activity (FA=N)**
- Anonymous Call Rejection USOC (HBY) is not compatible USOCS (NCACR, NXM, NXMCR, NXMMN, NXECR or N1ACR) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed
  Example:

  TNS=4049270000

  Example:

  FA=N FEATURE=HBY

  Example:

  FA=D FEATURE=NCACR

- Repeat Dialing USOC (NSQ) is not compatible with USOC (BRD) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed
  Example:

  TNS=4049270000

  Example:

  FA=N FEATURE=NSQ

  Example:

  FA=D FEATURE=BRD

- Call Return USOC (NSS) is not compatible with USOC (BRC) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the

incompatible services USOC is being removed
Example:

TNS=4049270000

Example:

FA=N FEATURE=NSS

Example:

FA=D FEATURE=BRC

- Caller ID Deluxe USOC (NXM) is not compatible these USOCS (HBY, NCACR, NSD, NSDCR, NSDMN, NSDUS, NSW, NXECR, NXMCR, N1ACR, VDRCM, VDRCN, VDRCW, VDRCX, VDRXX, VDRWM, VDRWN, VDRWY and VDRXM) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed.
Example:

TNS=4049270000

Example:

FA=N FEATURE=NXM<mark>CR</mark>

Example:

FA=D FEATURE=NSD

- Caller ID Deluxe with Anonymous Call Rejection USOC (NXMCR) is not compatible with these USOCS (HBY, NCACR, NSD, NSDCR, NSDMN, NSDUS, NSW, NXECR, NXMCR, N1ACR, VDRCM, VDRCN, VDRCW, VDRCX, VDRXX, VDRWM, VDRWN, VDRWY and VDRXM) may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed:
Example:

TNS=4049270000

Example:

FA=N FEATURE=NXMCR

Example:

FA=D FEATURE=NSD

- Caller ID Basic USOC (NSD) is not compatible with USOCS (NCACR, NSW, NSDCR, NSDMN, NXECR, NXM, NXMCR, NSDUS, N1ACR, VDRCM, VDRCN, VDRCW, VDRCX, VDRWX, VDRXX,

VDRWM, VDRWN, VDRWY and VDRXM) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed

Example:

TNS=4049270000

Example:

FA=N

Example:

FEATURE= NSD

Example:

FA=D

Example:

FEATURE= NSW

- Caller ID Basic Name Only USOC (NSW) is not compatible with USOCS (HBY, NCACR, NSD, NSDCR, NSDMN, NSDUS, NXECR, NXMCR, N1ACR, VDRCM, VDRCN, VDRCW, VDRCX, VDRXX, VDRWM, VDRWN, VDRWY and VDRXM) and may not appear together on a service order/LSR or CSR end state request for the same telephone number unless the incompatible services USOC is being removed

  Example:

  TNS=4049270000

  Example:

  FA=N

  Example:

  FEATURE=~~NSW~~**NSD**

  Example:

  FA=D

  Example:

  FEATURE=VDRXM

- Caller ID Basic Number Only Rotary (grouping) arrangement USOC (NSDUS) is not compatible with USOCS (HBY, NCACR, NSD, NSDCR, NSDMN, NSW, NXECR, NXMCR, N1ACR, VDRCM, VDRCN, VDRCW, VDRCX, VDRXX, VDRWM, VDRWN VDRWY and VDRXM) and may not appear together on a service order/LSR or CSR end state for the same telephone number unless the incompatible services USOC is being removed.
  Example:

  TNS=4049270000

  Example:

  FA=N

  Example:

  FEATURE=NSDUS

  Example:

  FA=D

  Example:

  FEATURE=VDRXM

- Secondary Calling Name Display (FID=SCND), associated with Caller ID-Deluxe, must be derivative of the main listing or additional listing. The name floated behind the SCND can only have a maximum of 15 characters, including spaces. The SCND information should be populated in the FEATURE DETAIL field as demonstrated in the example below:
  Example:

  FEATURE DETAIL=/SCND T A SMITH

<mark>CCP 2088 Attachment Listed Below</mark>

Touch-Tone Service USOC

The table below depicts the provisioning USOC(s) for touchtone service. This chart indicates by state the USOC usage (R=Required, O=Optional, and P=Prohibited)

When R=Required is indicated in the table below the Touch-Tone USOC must be included on the LSR, even when Touch-Tone is included as part of the Basic Class of Service (BCS). When P = Prohibited is indicated in the table below the Touch-Tone USOC must not be populated on the LSR.

Table : Touch-Tone Service USOC

USOC	RES	BUS	DESCRIPTION OF FEATURE	AL	FL	GA	KY	LA	MS	NC	SC	TN
TTB		X	Touch-Tone - Business	R	P	R	R	R	R	~~R~~ <mark>P</mark>	P	R
TTR	X		Touch-Tone - Residence	R	R	P	R	R	R	R	P	O

Valid USOCs:

The Valid new USOCs for Memphis, Mississippi are as follows:

CATEGORY D				CATEGORY X
Business USOCs	Business Line USOCs	Hunting USOCs	Residence USOCs	USOCs
B2F ~~B2FCL~~ 1MB2X B1F B2M B2MCL BM1	SBLLX	HTG	F2R 2MR AT3 AT3CL ATL ATLCL	ATM2L ATM3L

The Valid new USOCs for Hernando, Mississippi are as follows:

CATEGORY D			
Business USOCs	Backup Line USOCs	Hunting USOCs	Residence USOCs
1S8 1S8CL	SBLLX	HTGLO	ROP ROPCL ARB ARBCL

10.2.5 Obsolete USOCs:

The following USOCs are obsolete for Hernando and Memphis, Mississippi:

Business Line USOCs	Backup Line USOCs	Hunting USOCs	Residence USOCs
1FB 1FBCL 1MB 1MBCL 7FB	SBLFX	HTGTR HTGMS HTGME	1FR 1FRCL 1MR 1MRCL AR7

BELLSOUTH ®

B1M B1MCL **B2FCL** 113			AR7CL LM8 LM6CL LMR LMRCL RIM RIMCL RWG RWGCL TAKER R2M RUR AC7 AC7CL ACML2 ACML3 VR3 VR3CL

Hernando USOC Table

Old USOC	Old USOC Description	Convert to New USOC	New USOC Description
1FR	Unlimited Local Calling	ROP	Local Optional Service - Area Calling Option 1 - Economy
1FRCL	Unlimited Local Calling with Caller ID	ROPCL	Local Optional Service - Area Calling Option 1 - Economy with Caller ID
R1M	Measured Service Standard (No I action 8/96)	ROP	Local Optional Service - Area Calling Option 1 - Economy
R1MCL	Measured Service Low Use with Allowance with Caller ID (No I action 8/96)	ROPCL	Local Optional Service - Area Calling Option 1 - Economy with Caller ID
VR3	Complete Choice	ARB ARPEC	Area Calling with Complete Choice Option 1 - Economy
VR3CL	Complete Choice with Caller ID	ARBCL ARPEC	Area Calling with Complete Choice Option 1 - Economy with Caller ID

BELLSOUTH ®

Memphis USOC Table

Old USOC	Old USOC Description	Convert to New USOC	New USOC Description
1FR	Unlimited Local Calling	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
1FRCL	Unlimited Local Calling with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
1MR	Message Rate Service	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
1MRCL	Message Rate Service with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
AC7	Area Plus Complete Choice - 40 Mile Plan	ATL ARZPK	Area Plus Complete Choice LATAWide
AC7CL	Area Plus Complete Choice - 40 Mile Plan with Caller ID	ATLCL ARZPK	Area Plus Service Complete Choice with Caller ID
AC7/AC7CL ACML2	2 Line - Area Plus with Complete Choice	ATL/ATLCL ALM2L	2 Line - Area Plus Complete Choice LATAWide
AR7	Area Plus - 40 Mile Plan	AT3	Area Plus LATAWide
AR7CL	Area Plus - 40 Mile Plan with Caller ID	AT3CL	Area Plus LATAWide with Caller ID
LM8	Message Rate (RNS disallow I action 12/97)	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
LM8CL	Message Rate with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
LMR	Measured Service Low Use with allowance (RNS disallow I action 3/94)	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
LMRCL	Measured Service Low Use with Allowance with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling with Caller ID
R1M	Measured Service Standard (RNS disallow I action 8/96)	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling

R1MCL	Measured Service Standard with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
R2M UPPUR	Collierville and Memphis Measured Service - Standard (RNS disallow I action 3/94)	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
RUR	Collierville and Memphis Measured Service - Low Use (RNS disallow I action 3/94)	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
RWG	RegionServ	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
RWGCL	RegionServ with Caller ID	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling
TAKER	RegionServ	F2R UPPUR	Collierville and Memphis Calling Plan Unlimited Local Calling