



CLEC

Interconnection

ASR Templates

The information contained herein is confidential and proprietary and should not be disclosed to unauthorized persons. It is meant for use by authorized representatives of Embarq Corporation.

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Overview

ASR Templates Overview and Purpose

The purpose of the ASR template is to provide a guide for the customer on provisioning CLEC interconnection trunk groups.

Key Field Validation

The following templates are to give Embarq's guidelines for populating the ASR. Key fields have been identified as required for certain types of trunk groups – those are listed below. The remaining fields on the ASR should be populated business as usual for trunking orders.

CLEC Local Terminating Trunks to Embarq (Rate Code 14)

Local Terminating Traffic to Embarq (Rate Code 14)

ASR Template for trunk group carrying local traffic from a CLEC's ACTL/POI to an ILEC end office or tandem. The trunk group is built as 2-way directionalized (terminating to Embarq).

Administrative Data Key Fields

Cust Type	Populate with O for "other."
CC	Populate with your OCN number.
REQTYP	Populate with MD
TQ	Populate with the appropriate indicator for the service you are ordering.
PLU	Populate with number greater than 0.
ACTL	Populate with Switched POI/ACTL (must be CLLI within Embarq territory).
WSTN	Populated with Billing Telephone Number of CLEC within LATA (can be CLEC's LRN for that given LATA).
LTP	LTP only needs to be populated with valid option to the extent if it is a combination trunk/facility order (Example – GF) or if trunks only (Example = FF). CLEC Interconnection trunking does not use the billing structures associated with LTP values.

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ASR ADMINISTRATIVE DATA - 1                                NON ACCESS N
ADMINISTRATIVE SECTION                                ORD NO C02599999    MORE? _
ICSC FL03 PON EXAMPLE PON    VER 06 NOR __ OF __ ASR NO ABCA05070119997999
D/T SENT 03 - 22 - 05 - 0205PM  QA _ DDD 03 - 24 - 05 PROJECT
RTR F  CC 9999 CNO _____  UNE _ WST _ QNAI _ QSA _ CBD _ LATA 939
REQTYP MD ASC-EC _____ ACT N SUP _ AFO Y   EXP _ AENG _ ALBR _ SPA    TQ MY
CCNA ABC  CUST _____  AGAUTH _ DATED _ - _ - _ LUP _
CKR ST-9999-9999                                PIU 000 PLU 100
ECCKT 1-24.DF-4TOJ   ABC.FTMFLXAZMD.77.FTMFLXA04T    UNIT C QTY 0000120

FBA _____ FNI _____ FNT _ CFNI _____ PBT _ QTY _____
BAN 394 - R99 - 9999 ASG _____ ACTL FTMFLXAZMD APOT _____ AI _ AFG _
BIC _ BIC TEL _ - _ - _ BIC ID _____ TSC NEW
FDT _____ BSA _ SPEC _____ PSL ALABALMZ999 PSLI E    LTP GF
RORD _____ RPON _____ CCVN _____ TSP _____ - _
PPTD _ - _ - _ PFPTD _ - _ - _ WSTN 123 - 456 - 7891 ACTI C
LA _ LADATED _ - _ - _ LANM _____
REMARKS PLEASE ESTABLISH A NEW ONE-WAY TERMINATING ROUTE OF 120 TRUNKS
TO FTMFLXA04T.

ASR STATUS: XX VN: 012 LAST UPDATE: SYSTEM                COMP DATE 03 - 31 - 05
STATUS CODE D/T: 03-31-05 10:22                            SCREEN OPTION _ PAGE _
A A2 S S2 AI RM MN MF Q1 QA Q2 C1 CF MP
888 -- THIS SCREEN MATCHES PREVIOUS VERSION --
    
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Continued on next page

CLEC Local Terminating Trunks to Embarq (Rate Code 14), Continued

Trunking Page Key Fields

NC Code	See list of correct NC codes on page 10.
TTT	Must be populated with 3
TRFTYP	Must be populated with LT-LT
CIC	Populated with fictitious or local CIC (cannot use IXC FGD CIC if customer is acting as IXC in same state).

CIRCUIT DETAIL		TRUNKING CCS	PAGE 1 OF 2
<p>NC SDUN NCI 04DS9.15 TLV _____ T _____ R DFDLRD _____ - _____ DDLRD _____ - _____ DFOC _____ - _____ MLT _____ IMTA _____ QACI 04 TTT 3 TRFTYP LT - LT SECTLV _____ T _____ R EML _____ T _____ R CIC 09999 TRN _____ - _____ MUXLOC FTMYFLXA RECCKT _____ RECCKT _____ CFA 9999/T3Z/24/FTMYFLZZW99/FTMYFLXAK31 CFAU _ CPT _____ - _____ HBAN _____ - _____ - _____ NS _ PSAP _____ ESN _____ CKR1 _____ SCFA NEW/T1ZF/1-24/FTMYFLXA04T/FTMYFLDZW99 FACTL FTMYFLDZW99 CCEA _____ FIMPTel 999 - 999 - 9999 - _____ CSL ALBMALZZD99 CST NORTEL DMS 5 CSPC 999 - 999 - 999 TCIC 01001 - 01024 LT _ SLC _ NC1 HCED</p>			
		SCREEN OPTION _____ PAGE _____	
888	A A2 S S2 AI RM MN MF Q1 QA Q2 C1 CF MP -- THIS SCREEN MATCHES PREVIOUS VERSION --		V=012

Translations Questionnaire (Q1) Page Key Fields

DIR	Must be populated with 2T (2-way terminating).
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TRANSLATION QUESTIONNAIRE (TQ)		PAGE 01 OF 01
ADMINISTRATIVE SECTION		
CCNA ABC	PON 123456	VER 06 ASR NO ABCA05070111247999
TECH CON TECH ON DUTY	TEL NO 999 - 995 - 9919 - _____	
TTEST TN	_____ - _____ - _____	
TTEST RESP	_____	
COMMON SECTION		
REF A : TG ACT N	TGTYP F	TSC NEW APON _____
DIR 2T ANI _	DA ACC _	TK SEQ HL TEST ANI _ TK SIG EC SAC NON _ OT _
OVLP _	CTO _ OSAC _____	NDO 10 CSP _ CPN _ AR FACT _ ALT REF _____
950-FACT1 _	950-1 _____	950-FACT2 _ 950-2 _____ 950-FACT3 _ 950-3 _____
CIP _	BRAND _ ANNC _____	CCW _
REF B : TG ACT _	TGTYP _____	TSC _____ APON _____
DIR _	ANI _	DA ACC _ TK SEQ _____ TEST ANI _ TK SIG _ SAC NON _ OT _
OVLP _	CTO _ OSAC _____	NDO _ CSP _ CPN _ AR FACT _ ALT REF _____
950-FACT1 _	950-1 _____	950-FACT2 _ 950-2 _____ 950-FACT3 _ 950-3 _____
CIP _	BRAND _ ANNC _____	CCW _
REMARKS _____		

CLEC 2-Way IXC Toll Trunks (Rate Code 15)

2-Way IXC Toll Trunks (Rate Code 15) IXC trunks provide a connection to the Embarq tandem and allow the CLEC connectivity to the IXC's with FGD access service to that same Embarq tandem.

Administrative Data Key Fields

Cust Type	Populate with O for "other."
CC	Populate with your OCN number.
REQTYP	Populate with MD
TQ	Populate with the appropriate indicator for the service you are ordering.
PLU	Populate with number greater than 0.
ACTL	Populate with Switched POI/ACTL (must be CLLI within Embarq territory).
WSTN	Populated with Billing Telephone Number of customer with in LATA (can be customer's LRN for that given LATA).
LTP	LTP only needs to be populated with valid option to the extent if it is a combination trunk/facility order (Example – GF) or if trunks only (Example = FF). CLEC Interconnection does not use the billing structures associated with LTP values.
Remarks	Remarks stating this is CLEC IXC 2-Way IXC Toll Trunks .

ASR ADMINISTRATIVE DATA - 1 NON ACCESS N ADMINISTRATIVE SECTION ORD NO C02599999 MORE? _ ICSC FL03 PON EXAMPLE PON VER 06 NOR ___ OF ___ ASR NO ABCA05070119997999 D/T SENT 03 - 22 - 05 - 0205PM QA _ DDD 03 - 24 - 05 PROJECT _____ RTR F CC 9999 CNO _____ UNE _ WST _ QNAI _ QSA _ CBD _ LATA 939 REQTYP MD ASC-EC _____ ACT N SUP _ AFO Y EXP _ AENG _ ALBR _ SPA TQ MY CCNA ABC CUST _____ AGAUTH _ DATED _ - _ - LUP _____ CKR AB-9999-9999 PIU 000 PLU 100 ECCKT 1-24.DF-4DTJ ABC.FTMFLXAZMD.77.FTMFLXA04T UNIT C QTY 0000120	
FBA _____ FNI _____ FNT _ CFNI _____ PBT _ QTY _____ BAN 394 - R99 - 9999 ASG _____ ACTL FTMFLZZZMD APOT _____ AI _ AFG _ BIC _ BIC TEL _ - _ - BIC ID _____ TSC NEW FDT _____ BSA _ SPEC _____ PSL ALABALMZ999 PSLI E LTP GF RORD _____ RPON _____ CCVN _____ TSP _____ - _____ PPTD _ - _ - PFPTD _ - _ - WSTN 123 - 456 - 7891 ACTI C LA _ LADATED _ - _ - LANM _____ REMARKS PLEASE ESTABLISH CLEC 2-WAY IXC TOLL TRUNKS TO FTMFLXA04T.	
ASR STATUS: XX VN: 012 LAST UPDATE: SYSTEM COMP DATE 03 - 31 - 05 STATUS CODE D/T: 03-31-05 10:22 SCREEN OPTION _ PAGE _ A A2 S S2 AI RM MN MF Q1 QA Q2 C1 CF MP 888 -- THIS SCREEN MATCHES PREVIOUS VERSION --	

Continued on next page

CLEC 2-Way IXC Toll Trunks (Rate Code 15), Continued

Trunking Page Key Fields

NC Code	See list of correct NC codes on page 11.
TTT	Must be populated with 3
TRFTYP	Must be populated with AL-AL
CIC	Populated with fictitious or local CIC (cannot use IXC FGD CIC if customer is acting as IXC in same state).

CIRCUIT DETAIL	TRUNKING CCS	PAGE 1 OF 2
<p> NC SDUN NCI 04DS9.15 TLV _____ T _____ R DFLLRD ___ - ___ - ___ DDLRD ___ - ___ - ___ DFOC ___ - ___ - ___ MLT ___ IMTA ___ QACI 04 TTT 3 TRFTYP AL - AL SECTLV _____ T _____ R EML _____ T _____ R CIC 09999 TRN _____ - _____ MUXLOC FTMYFLXA RECCKT _____ RECCKT _____ CFA 9991/T3Z/14/FTMYFLZZW99/FTMYFLXAK31 CFAU _ CPT _____ - _____ HBAN ___ - ___ - ___ NS _ PSAP _____ ESN _____ CKR1 _____ SCFA NEW/T1ZF/1-24/FTMYFLXA04T/FTMYFLZZW99 FACTL FTMYFLZZW99 CCEA _____ FIMPTTEL 999 - 999 - 9999 - _____ CSL ALBMALZZD99 CST NORTEL DMS 5 CSPC 999 - 999 - 999 TCIC 01001 - 01024 LT _ SLC _ NC1 HCED </p>		
SCREEN OPTION ___ PAGE ___		
A A2 S S2 AI RM MN MF Q1 QA Q2 C1 CF MP		
888	-- THIS SCREEN MATCHES PREVIOUS VERSION --	V=012

Translations Questionnaire Page Key Fields

DIR	Must be populated with 2W (2-way).
TRANSLATION QUESTIONNAIRE (TQ)	
PAGE 01 OF 01	
<p> ADMINISTRATIVE SECTION CCNA ABC PON 999999 VER 06 ASR NO ABCA05070111247999 TECH CON TECH ON DUTY TEL NO 999 - 995 - 6999 - _____ TTEST TN ___ - ___ - _____ TTEST RESP _____ COMMON SECTION REF A : TG ACT N TGTYF F TSC NEW APON _____ DIR 2W ANI _ DA ACC _ TK SEQ HL TEST ANI _ TK SIG EC SAC NON _ OT _ OVLP _ CTO _ OSAC _____ NDO 10 CSP _ CPN _ AR FACT _ ALT REF _____ 950-FACT1 _ 950-1 _____ 950-FACT2 _ 950-2 _____ 950-FACT3 _ 950-3 _____ CIP _ BRAND _ ANNC _____ CCW _ REF B : TG ACT _ TGTYF _ TSC _____ APON _____ DIR _ ANI _ DA ACC _ TK SEQ _ TEST ANI _ TK SIG _ SAC NON _ OT _ OVLP _ CTO _ OSAC _____ NDO _ CSP _ CPN _ AR FACT _ ALT REF _____ 950-FACT1 _ 950-1 _____ 950-FACT2 _ 950-2 _____ 950-FACT3 _ 950-3 _____ CIP _ BRAND _ ANNC _____ CCW _ REMARKS _____ _____ _____ </p>	

CLEC Rate Code 12 Trunks

CLEC Rate Code 12 Trunks Includes Operator Service, Directory Assistance, Busy Verification, 911 trunks, Combined Operator/Directory Assistance. Note – This does not include Rate Code 12 reciprocal trunking. Reciprocal trunks should be ordered under the current process and not ordered via ASR by the CLEC.

CLEC Rate Code 12 trunks	Includes Operator Service, Directory Assistance, Busy Verification, 911, and combined Operator Service/Directory Assistance.
Key Fields on Rate Code 12 trunk orders.	<p>Important Points of Validation</p> <ul style="list-style-type: none"> • CC field populated with correct OCN # • LTP populated as outlined in the Rate code 14 and 15 trunk groups. • PLU populated with number greater than 0. • NC Code (see list on page 11) • Rest of ASR can be populated business as usual, with the exception of NC Codes and TRFTYP.
WSTN Number Not Required on Rate Code 12	For Rate Code 12 Trunk groups, the WSTN Field does <u>NOT</u> need to be populated. However, Operator and Directory Assistance must have the LRN populated on appropriate field on TQ pages.
Operator Service Trunks	<p>For one-way operator service</p> <ul style="list-style-type: none"> • TTT = 2 • TRFTYP = __ - OP • DIR on TQ page = 1T – terminating to Embarq switch
Directory Assistance Trunks	<p>For one-way directory assistance</p> <ul style="list-style-type: none"> • TTT = 2 • TRFTYP = __ - DA • DIR on TQ page = 1T – terminating to Embarq switch
Busy Verification Trunks	<p>For one-way directory assistance</p> <ul style="list-style-type: none"> • TTT = 2 • TRFTYP = VR - __ • DIR on TQ page = 1O - originating from Embarq switch
CLEC 911 Trunks	<p>For CLEC 911 Trunks</p> <ul style="list-style-type: none"> • TTT = 2 • TRFTYP = __ - E9 • DIR on TQ page = 1T – terminating to Embarq switch • County and Default ESN should be populated
Combined Operator Service/Directory Assistance Trunks	<p>For Combined Operator Service/Directory Assistance</p> <ul style="list-style-type: none"> • TTT = 3 • TRFTYP = OP – DA • DIR on TQ page 2W

CLEC Meetpoint Interconnection Process

Meetpoint Interconnection Issue Statement	<p>If a DS1 facility for the purpose of interconnection is being ordered as meet point with another LEC, that facility must be ordered as a separate ASR from the interconnection trunks.</p> <p>If customer is riding higher facility (DS3 or higher) that is muxing at an Embarq office, the customer may order a combination trunk/facility order as interconnection and Embarq will accept the order <u>without</u> meetpoint information (ASC-EC).</p>
Switched ACTL/POI Policy	<p>For Meetpoint Interconnection Trunk orders, the customer must use a switched ACTL/POI in Embarq territory.</p> <p>The customer does not need to acquire a facility POI/ACTL in Embarq territory on meetpoint orders.</p>
Meetpoint Interconnection Process	<ul style="list-style-type: none">• Customer sends in facility-only order (using format in this document) with PIU 100.• Customer receives FOC from facility order and uses facility ID as CFA info on Trunks only order (LTP FF). The switched ACTL/POI trunk only order needs to use a CLLI code in Embarq territory.

Meetpoint Facility ASR

- Order Provisioning**
- Rectype **SD**
 - PIU = **100**
 - NC Code **HCED** or **HC-D**
 - Circuit ID format – **Facility**
 - **SecLoc** field populated with **CLLI** code of end office or tandem where trunks are going to.
 - Remark indicating that order is to carry interconnection trunks.
 - **LTP** populated with appropriate code for a facility only order (Example - **AF**)

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ASR ADMINISTRATIVE DATA - 1          CUST TYP O          NON ACCESS N
ADMINISTRATIVE SECTION              ORD NO C079999999 MORE? _
ICSC MG04 PON 999999          VER 1  NOR ___ OF ___ ASR NO ABCM04176135000000
D/T SENT 06 - 24 - 04 - 0345PM QA _ DDD 07 - 07 - 04 PROJECT _____
RTR S  CC ___ CNO _____ UNE _ WST _ QNAI _ QSA 01 CBD ___ LATA ___
REQTYP SD ASC-EC MG04 ACT N SUP _ AFO ___ EXP _ AENG _ ALBR _ SPA   TQ ___
CCNA ABC  CUST _____ AGAUTH _ DATED ___ - ___ - ___ LUP ___
CKR ZZ.999.99999999999999          PIU 100 PLU ___
ECKKT 999.T1ZF..ATHNTXXA04T.DLLSTXZZW99          UNIT C QTY 0000001

FBA ___ FNI _____ FNT _ CFNI _____ PBT _ QTY _____
BAN 366 - R99 - 9999 ASG _____ ACTL DLLSTXZZW99 APOT _____ AI _ AFG _
BIC _ BIC TEL ___ - ___ - ___ BIC ID _____ TSC _____
FDT _____ BSA _ SPEC _____ PSL _____ PSLI _ LTP AF
RORD _____ RPON _____ CCVN _____ TSP _____
PPTD ___ - ___ - ___ PFPTD ___ - ___ - ___ WSTN ___ - ___ - ___ ACTI _
LA _ LADATED ___ - ___ - ___ LANM _____
REMARKS  INSTALL 1 DS1 W/D4AMI FROM ABC CFA TO EMBARQ ATHENS TANDEM_____
FOR INTERCONNECTION TRUNKS
_____
_____

ASR STATUS: XX  VN: 008  LAST UPDATE: SYSTEM          COMP DATE 07 - 06 - 04
  
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TRANSPORT: NC HCED  NCI 04DS6.44          TLV ___ T ___ R
SECNCI 04DS9.15          SECTLV ___ T ___ R NSIM _ SR ___ S25 A          ER 6
SSS _ ATN _____ TRF _ MST _ HVP _ OTC 1456 ISDN SEQ ___ OF ___
CKLT _____ NSL _ CFAU _ CFA 999.T3.15.DLLSTXZZW99.DLLSTXZZK01
DIR _ CPT _____ SCFA _____
SDIR _ SECLOC CATHNTXXA04T          MUXLOC DLLSTXZZK01          HBAN ___ - ___ - ___
PRI ADM _____ SEC ADM _____

CLK _ NVC ___ PSPEED _____ LMP _ N/U _ ZLG _ BSC _ ETET _
CCEA _____
SCCEA _____
GETO _ GBTN ___ - ___ - ___ GCON _____
GTEL ___ - ___ - ___ - ___
CTX TEL ___ - ___ - ___ CTX LSTD NM _____

W1 _____ W2 _____

REMARKS _____
_____
_____

SCREEN OPTION ___ PAGE ___
A A2 S SA RM MN ME C1 CF MP
888          -- THIS SCREEN MATCHES PREVIOUS VERSION --          V=008
  
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Example of Meetpoint Facility ASR Riding Higher Facility Muxing in Embarq Territory

- Order Provisioning When Customer is riding higher facility muxing in Embarq office**
- **PLU** = populated with number greater than 0
 - Can be combination trunk/facility ASR
 - Embarq does not require **ASC-EC** to be populated.
 - **ACTL** needs to be CLLI in Embarq territory.
 - **FACTL** may be CLLI code in Meetpoint territory.
 - Rest of fields business as usual for type of trunk group that customer is ordering.

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ASR ADMINISTRATIVE DATA - 1                                NON ACCESS N
ADMINISTRATIVE SECTION                                ORD NO C07599999 MORE? _
ICSC MG04 PON EXAMPLE PON          VER 06 NOR ___ OF ___ ASR NO ABCA05070119997999
D/T SENT 03 - 22 - 05 - 0205PM  QA _ DDD 03 - 24 - 05 PROJECT _____
RTR F  CC 8664 CNO _____  UNE _ WST _ QNAI ___ QSA ___ CBD ___ LATA 939
REQTYP MD ASC-EC ___ ACT N SUP _ AFO Y   EXP _ AENG _ ALBR _ SPA      TQ MY
CCNA ABC  CUST _____  AGAUTH _ DATED ___ - ___ - ___ LUP ___
CKR ST-9999-9999                                PIU 000 PLU 100
ECCKT _____                                UNIT C QTY 0000120

FBA _____ FNI _____ FNT _ CFNI _____ PBT _ QTY _____
BAN 364 - R99 - 9999 ASG _____ ACTL ATHNTXXAZMD APOT _____ AI _ AFG _
BIC _ BIC TEL ___ - ___ - ___ BIC ID _____ TSC NEW
FDT _____ BSA _ SPEC _____ PSL ALABALMZ999 PSLI E LTP GF
RORD _____ RPON _____ CCVN _____ TSP _____
PPTD ___ - ___ - ___ PFPTD ___ - ___ - ___ WSTN 123 - 456 - 7891 ACTI C
LA _ LADATED ___ - ___ - ___ LANM _____
REMARKS PLEASE ESTABLISH A NEW ONE-WAY TERMINATING ROUTE OF 120 TRUNKS
        TO ATHNTXXA04T.

ASR STATUS: XX VN: 012 LAST UPDATE: SYSTEM                COMP DATE 03 - 31 - 05
STATUS CODE D/T: 03-31-05 10:22                          SCREEN OPTION ___ PAGE ___
        A A2 S S2 AI RM MN MF Q1 QA Q2 C1 CF MP
888 -- THIS SCREEN MATCHES PREVIOUS VERSION --

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                                TRUNKING CCS                                PAGE 1 OF 2
CIRCUIT DETAIL

NC SDUN NCI 04DS9.15 TLV _____ T _____ R
DFDLRD ___ - ___ - ___ DDLRD ___ - ___ - ___ DFOC ___ - ___ - ___ MLT ___ IMTA ___
QACI 04 TTT 3 TRFTYP LT - LT SECTLV _____ T _____ R
EML _____ T _____ R CIC 09999 TRN _____ - _____ MUXLOC ATHNTXXA
RECCKT _____
RECCKT _____
CFA 7991/T3Z/14/DLLSTXTZQMD/ATHNTXXAK01 CFAU _ CPT _____ - _____
HBAN ___ - ___ - ___ NS _ PSAP _____ ESN _____
CKR1 _____
SCFA NEW/T1ZF/1-24/DLLSTXTZQMD/ATHNTXXA04T FACTL DLLSTXTZQMD
CCEA _____
FIMPTTEL 999 - 999 - 9999 - _____
CSL ALBMALZZD99 CST NORTEL DMS 5
CSPC 999 - 999 - 999 TCIC 01001 - 01024 LT _ SLC _ NC1 HCED

                                SCREEN OPTION ___ PAGE ___

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NC Codes

Rate Code 14 NC Codes (These are the codes Embarq will accept)

NC	Option 2 Description	Option 2 Definition
SDUK	LEC End Office to LEC End Office/POI Local Traffic with SS7(EO to EO/POI for calls that originate and terminate within the same LATA)	The customer wants a trunk between end offices with SS7.
SDUR	LEC End Office to LEC End Office/POI, Local Traffic with SS7 & CCC (EO to EO/POI for calls that originate and terminate within the same LATA)	LEC end office to LEC end office w/SS7 and CCC.
SDUM	LEC End Office to LEC Local Tandem with SS7 Signaling	The customer wants a trunk between an end office and a local tandem with SS7.
SDUN	LEC End Office to LEC Local Tandem with SS7 & CCC	LEC end office/local tandem w/SS7 and CCC.
SDUH	LEC End Office to LEC Access Tandem with SS7	The customer wants a trunk from an end office to an access tandem with SS7.
SDUI	LEC Local Tandem to LEC Access Tandem with SS7	The customer wants a trunk from a local tandem to an access tandem with SS7.
SDUL	LEC Access Tandem to LEC Access Tandem with SS7	The customer wants a trunk from an access tandem to an access tandem with SS7.
SDUP	LEC End Office to LEC Access Tandem with SS7 & CCC	LEC end office to LEC access tandem w/SS7 and CCC.
SDUQ	LEC Local Tandem to LEC Access Tandem with SS7 & CCC	LEC local tandem to LEC access tandem w/SS7 and CCC.
SDUS	LEC Access Tandem to LEC Access Tandem with SS7 & CCC	LEC access tandem to LEC access tandem w/SS7 and CCC.

Continued on next page

NC Codes, Continued

Rate Code 15 NC Codes (These are the NC codes Embarq will accept)

NC	Option 2 Description	Option 2 Definition
SDUH	LEC End Office to LEC Access Tandem with SS7	The customer wants a trunk from an end office to an access tandem with SS7.
SDUP	LEC End Office to LEC Access Tandem with SS7 & CCC	LEC end office to LEC access tandem w/SS7 and CCC.
SDUL	LEC Access Tandem to LEC Access Tandem with SS7	The customer wants a trunk from an access tandem to an access tandem with SS7.
SDUS	LEC Access Tandem to LEC Access Tandem with SS7 & CCC	LEC access tandem to LEC access tandem w/SS7 and CCC.

Rate Code 12 NC Codes

NC	Option 2 Description	Option 2 Definition
SDXA	Directory Assistance SS7 (Operator Only – note – for Inward service only)	The customer wants an assistance line for directory with SS7.
SDXG	Verification MF	Verification of line Multifrequency.
SDUC	LEC End Office to LEC E911 Local Tandem	The customer wants a trunk from an end office to an E 911 local tandem.
SDUD	LEC Local Tandem to LEC E911 Local Tandem	The customer wants a trunk from an E 911 local tandem to a local tandem.
SDUV	End Office to E911 Tandem with SS7	The fourth character option of V identifies a trunk between an End Office and an E911 Tandem using SS7 signaling.
SDXH	Directory Assistance and Call Line Assistance with SS7 (Note – to be used on OP/DA trunks)	A + D. A = The customer wants an assistance line for directory with SS7. D = The customer wants an assistance call line for directory with SS7.
SDXD	Directory Call Line Assistance SS7 (Note – Directory only)	The customer wants an assistance call line for directory with SS7.