



Keeping Connected with ISI

OTM/TM Newsletter – Summer 2007

PBX CDR Configuration

The following is a review of the programming that is required in a Meridian 1 or CS 1000 PBX to allow CDR to flow to a serial TTY port, or for Data Buffering & Access (DBA).

Instructions for Programming CDR

Use Load 17 to configure a TTY port for CDR.

>LD 17

```
TYPE ADAN
ADAN CHG TTY 2
TTY_TYPE SDI
CAB 00
CDNO 00
PORT 2
DES
FLOW
BPS
BITL
STOP
PARY
ENL
USER CTY
TTYLOG
BANR
```

Print out the PBX port configurations in Load 22 to verify programming.

>LD 22

```
REQ PRT
TYPE CFN

ADAN HIST
SIZE 5000
USER MTC SCH BUG
ADAN TTY 0
TTY_TYPE SDI
CAB 00
CARD 00
PORT 0
DES
FLOW NO
USER MTC SCH BUG
TTYLOG 0
BANR YES
ADAN TTY 1
TTY_TYPE SDI
CAB 00
CARD 00
```



Keeping Connected with ISI

OTM/TM Newsletter – Summer 2007

PORT 1
DES OTM CDR
BPS 9600
BITL 8
STOP 1
PARY NONE
FLOW NO
USER CTY
TTYLOG 0
BANR YES

Program the CDR for NEW format, and for Calling Line ID output in Load 17.

>LD 17

REQ CHG
TYPE PARM
FCDR NEW
CLID YES

Print out the PBX parameters in Load 22 to verify programming.

>LD 22

REQ PRT
TYPE PARM

PARM
LPIB 1000
HPIB 800
500B 1000
NCR 80
MGCR NULL
CSQI 020
CSQO 020
TUBO NO
CFWS NO
PCML MU
ALRM YES
DTRB 100
TMRK 128
FCDR NEW ←
PCDR NO
TPO NO
TSO NO
CLID YES ←
DUR5 NO
MLDN YES
MARP NO
FRPT NEFR
DCUS NULL
MSCL 255



Keeping Connected with ISI

OTM/TM Newsletter – Summer 2007

PMSI
MANU PMS1
PMCR 20
PORT NONE
NDIS 20
OCAC NO
MTRO MR
SBA_ADM_INS 001
SBA_USER 010
BCAP SPEECH
NORTEL_BRAND NO
CLNP YES

Turn CDR ON and the Auxiliary ID ON globally in the Customer Data Block in Load 15. Also, option BDI to YES for Data Buffering & Access (DBA).

>LD 15

REQ: CHG
TYPE: CDB
CUST 0

CDR_DATA YES
CDR YES
AXID YES
TRCR YES
CDPR
ECDR
BDI YES
PORT 1
BCAP
CHLN
FCAF

Turn CDR ON individual routes in the Route Data Block in Load 16. Pay strict attention to the prompts to ensure proper output for OTM/TM.

Note: Do NOT option the prompt "OPD" to YES.

>LD 16

TYPE RDB
CUST 0
DMOD
ROUT 1
DES
TKTP
SAT
RCLS
DTRK NO
PTYP
AUTO



Keeping Connected with ISI

OTM/TM Newsletter – Summer 2007

ICOG
STEP
ACOD
CLEN
TARG
BILN
SGRP
OABS
CNTL
DRNG
CDR **YES**
INC **YES**
LAST **YES**
QREC
OAL **YES**
AIA **YES**
OAN **YES**
OPD
NATL
TDG
MUS
MR
MANO
FRL
OHQ
OHQT
TTBL
OHTD
PLEV
MCTS
ALRM

Print out the CDB & RDB in Load 21 to verify programming.

>LD 21

**REQ: PRT
TYPE: CDB
CUST 0**

**REQ: PRT
TYPE: RDB
CUST 0
ROUT (HIT ENTER FOR ALL ROUTES)**



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CS 1000 Release 5.0 has provided the following new Classes of Service.

PKCH – Prime Key Charge

When this Class of Service is set on a digital or IP set, calls from any key on the set will output the Prime Directory Number (the DN that appears on Key 0) in the Originating ID field of the CDR record. (This is the default operation prior to Release 5.0)

OKCH – Originating Key Charge

When a digital or IP set has multiple Keys assigned with Directory Numbers, the Originating ID field of the CDR record will contain the actual DN of the Key that makes the call.

For ACD sets:

With the CLS set to **PKCH**, all calls from the set will report the Agent Position ID number in the Originating ID field of the CDR record. (This is the default operation prior to Release 5.0)

With the CLS set to **OKCH**, calls from the set will report the actual originating DN (of any key) in the Originating ID field of the CDR record.