

# **COMMON LANGUAGE® Switching System Codes Description Private Branch Exchange (PBX) Centrex and Special Service**

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**COMMON LANGUAGE**  
**Switching System Codes Description**  
**Private Branch Exchange (PBX) Centrex**  
**and Special Service**

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## 1. Purpose

This Practice defines the COMMON LANGUAGE standard code representation for station switching systems. Listed are codes for different types of PBX, Centrex and Special Service Switching Systems now in service.

## 2. Scope

This Practice applies primarily to organizations with the following responsibilities:

- Distribution Service
- Switching Operations.

The codes are particularly applicable, but not limited, to the following functions:

- Distribution Service Facility Assignment
- Investment and Inventory Management
- Distribution Services Engineering
- Distribution Equipment Purchasing
- Central Office Engineering
- Service Order Assignment.

Unless specified as being COMMON LANGUAGE data, do not combine COMMON LANGUAGE station switching systems representation with other coded representations, or with each other. Only combinations or sequences specified in this, or other COMMON LANGUAGE practices, are standard.

## 3. Reason for Issue

This Practice is being re-issued to reflect additional switching system codes, to add Table E, and to conform to current format standards.

## 4. General

Questions concerning these codes should be directed through the appropriate Bellcore customer contact to Executive Director, Language Standards Department, Bellcore.

The Bellcore Language Standards Department maintains the General Code Sets. Input is provided by the General Codes Technical Advisory Group, in accordance with the

procedure outlined in BR 751-000-102, "COMMON LANGUAGE® Abbreviation and Code Set Procedures."

## **5. Switching System Codes - Private Branch Exchange (PBX), Centrex and Special Service**

Station switching systems are usually located on the premises of the customer, and have the following facilities for interconnecting the telephone stations they serve:

- Central Office Trunk Connection
- Branch Exchange Trunk Connection
- Switched Service Network Connection.

The data values described in this section pertain to Switching Systems Private Branch Exchange (PBX), Centrex and Special Service only. Refer to BR 751-100-445 for Switching System Central Office COMMON LANGUAGE Codes, or to BR 751-100-450 for COMMON LANGUAGE Central Office Packet Switching System Codes.

Table A contains a list of AT&T PBX Dial Switching Systems. Table B lists AT&T PBX Switchboards and Consoles. Table C lists other PBX Switching Systems and Table D lists AT&T PBX Special Switching Systems. Table E lists all switching systems and their codes in alphabetic order. In addition, each table contains codes corresponding to respective data values.

The Switching Systems Private Branch Exchange (PBX), Centrex and Special Service COMMON LANGUAGE codes are one- to four-character alphanumeric-mnemonic codes. These codes uniquely identify all types of PBX, Centrex and Special Service Switching Systems available at a subscriber's location. Codes 2NB and 4NB in Table A identify two- and four-wire systems when none of the other codes for PBX switching systems are applicable.

Table A is listed below.

**Table A.** AT&T PBX Dial Switching Systems

<b>DATA VALUE</b>	<b>CODE</b>	<b>DATA VALUE</b>	<b>CODE</b>
700C	700C	PBX (800 Series)	PES
701A	701A	800A	800A
701B	701B	801A	801A
701 PK	701P	801B	801B
702A	702A	805A	805A
711A	711A	810A	810A
711B	711B	812A	812A
740A	740A	850A	850A
740B	740B	SS400	S400
740C	740C	101ESS™ Electronic Switch	PE1
740E	740E	Dimension® 201S System	201S
750A	750A	Dimension 201SE System	201E
755	755	Dimension 201VS System	201V
756A	756A	Dimension 201L System	201L
757	757	Horzion® System	HOR
757A	757A	PBX Step-by-Step	PSX
758	758	PBX Dial	PBD
758C	758C	PBX Crossbar	7XB
761A	761A	300 Switching System	30X
761B	761B		
770A	770A		

Table B is listed below.

**Table B.** AT&T PBX Switchboards and Consoles

<b>Data Value</b>	<b>Code</b>	<b>Data Value</b>	<b>Code</b>
550C	550C	12	12
550S	550S	13	13
551A	551A	14	14
551B	551B	15	15
551D	551D	16	16
552A	552A	17	17
552B	552B	18	18
552D	552D	19	19
552E	552E	22	22
555	555	23	23
556A	556A	24	24
558A	558A	25	25
605A	605A	26	26
606A	606A	27	27
606B	606B	28	28
607A	607A	29	29
607B	607B	30	30
608A	608A	31	31
608B	608B	32	32
608D	608D	33	33
1A1	1A1	34	34
1A2	1A2	35	35
1A	1A	36	36
1B	1B	37	37
2A	2A	38	38
2B	2B	39	39
3A	3A	40	40
3C	3C	41	41
4A	4A	42	42
4B	4B	43	43

**Table B.** AT&T PBX Switchboards and Consoles (Continued)

<b>Data Value</b>	<b>Code</b>	<b>Data Value</b>	<b>Code</b>
5A	5A	44	44
5B	5B	45	45
6A	6A	46	46
6B	6B	47	47
8	8	48	48
9	9	PBX Manual	MAN
10	10	505C	505C
11	11	506A	506A
50	50	506B	506B
50ACPS	50A	507A	507A
51	51	507B	507B

Table C is listed below.

**Table C.** Other PBX Switching Systems

<b>DATA VALUE</b>	<b>CODE</b>
Automatic Electric 40B	40B
Hitachi AX2S	AX2S
ITT TE 400	T400
Nippon Electric Nepax 100	NPAX
Nippon Electric NA409	N409
Norelco UH300	U300
North Electric AKD741	A741
North Electric SE2	SE2
Stromberg -Carlson Crossreed	CSRD
Northern Telecom SL <sup>®</sup> -L	NSLL
Northern Telecom SL <sup>®</sup> -1	NS1A
Northern Telecom SL <sup>®</sup> -100	NS10
AT&T System 75	AS70
AT&T System 85	AS80
AT&T System 25	AS20
AT&T Merlin <sup>®</sup> 206	AM20
AT&T Merlin 410	AM41
AT&T Merlin 2	AM2
Merlin 820	AM82
AT&T Merlin 1030	AM30
AT&T Merlin 3070	AM70
Other non-WECO Manufactured System 2-Wire	2NB
Other non-WECO Manufactured System 4-Wire	4NB
Mitel SX2000XX	SX2
Alcatel PABX 100 Model 64	A64*
Alcatel PABX 100 Model 144	A144*
CXC Rose	CXCR
Cyber Digital HUB/CBX	CYBH
Digital Transmission 585 L PBX	DTL
Digital Transmission 585 PBX/ACD	DTN

**Table C. Other PBX Switching Systems (Continued)**

<b>DATA VALUE</b>	<b>CODE</b>
Digital Transmission 585 S1 PBX/ACD	DTS1
Digital Transmission 585 S PBX/ACD	DTS
Ericsson MD 110	110
Ericsson MD 110/40	1104
ETE USA IO&BC 150	E150
ETE USA IO&BC 900	E900
Fujitsu FOCUS 196	196
Fujitsu FOCUS 960S, 960E	960
Fujitsu FOCUS 9600	9600
Fujitsu GTE SBCS/STATLOG	SBCS
Fujitsu GET OMNI SI	OMS1
Fujitsu GTE OMNI SIII	OMS3
Fujitsu GTE OMNI SIV	OMS4
Harris Digital 20-20M	H20M
Harris Digital 20-20LH,L	H20L
Harris Digital 1201	H201
Harris Digital 1202	H202
Hitachi HD200 Digital	HD2H
Hitachi MDX Rel 4	MDX4
Hitachi EDX Rel 4	EDX4
Hitachi LDX Rel 4	LDX4
InteCOM IBX S/80	IB80
IBM ROLM Redwood	REDW
IBM ROLM VSCBX	VSCB
IBM ROLM 9751 CBX	9751
ISOETEC System 228	I228
INTER-TEL GX-120	GX12
Memorex Telex 1001 VS	TLVS
Memorex Telex 1001 S	TELS
Memorex Telex 1001 M	TELM
Memorex Telex 1001L	TELL

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**Table C.** Other PBX Switching Systems (Continued)

<b>DATA VALUE</b>	<b>CODE</b>
Memorex Telex 1001 VL	TLVL
Memorex Telex 1200/5000	TL12
Mitel SX-50	SX50
Mitel SX-200 Digital	SXTH
Mitel SX-2000 ICS	SXTT
NEC America Impulse	IMPL
NEC America NEAX <sup>®</sup> 2400 IMS	NEAX
Northern Telecom Meridian SL-1NT	1NT
Northern Telecom Meridian SL-1XT	1XT
OKI Telecom Spectrum	S100
Redcom SBX-384	X384
Shared Resource Exchange System One	SRX1
Siemens Saturn I	SAT1
Siemens Saturn II	SAT2
Siemens Saturn III	SAT3
Solid State Systems Jr. Exec	EXEC
Stromberg-Carlson CDSS 60	CD60
Stromberg-Carlson CDSS 120	CD12
Stromberg-Carlson CDSS 240	CD24
Tadiran Electronic CORAL I CCS	COR1
Tadiran Electronic CORAL II CCS	COR2
Tadiran Electronic CORAL III CCS	COR3
Tadiran Electronic ONYX 256	ONYX
Telenova Telenova 1	NOV1
TIE/Communications Morgan	MORG
TIE/Communications M1000	M1TH
TIE/Communications Data Star PABX	STAR
Toshiba America Perception II	PER2
Walker Marathon 200D	200D

\* Analog equipment.



Table D is listed below.

**Table D. AT&T PBX Special Switching Systems**

<b>DATA VALUE</b>	<b>CODE</b>
554A Tel Ans	554A
554B Tel Ans	554B
554C Tel Ans	554C
557A Tel Ans	557A
557B Tel Ans	557B
Concentrator Identifier	CTI
Concentrator Identifier with Carrier	CTIC
Automatic Call Distributor	ACD
2 ACD	2CD
2B ACD	2BCD
3A ACD	3ACD
4A CD	4ACD
5A ACD	5ACD
7024-A02 Conversant 2 Voice System	CA02
7024-A32 Conversant 1 Model 32	CA32
7024-A80 Conversant 1 Model 80	CA80

Table E is listed below.

**Table E.** PBX Switching Systems Sorted By Code

<b>CODE</b>	<b>DATA VALUE</b>
10	10
11	11
110	Ericsson MD 110
1104	Ericsson MD 110/40
12	12
13	13
14	14
144	Alcatel PABX 100 Model 144
15	15
16	16
17	17
18	18
19	19
196	Fujitsu FOCUS 196
1A	1A
1A1	1A1
1A2	1A2
1B	1B
1NT	Northern Telecom Meridian SL-1NT
1XT	Northern Telecom Meridian SL-1XT
200D	Walker Marathon 200D
201E	Dimension 201SE System
201L	Dimension 201L System
201S	Dimension 201S System
201V	Dimension 201VS System
22	22
23	23
24	24
25	25
26	26
27	27
28	28

**Table E. PBX Switching Systems Sorted By Code (Continued)**

<b>CODE</b>	<b>DATA VALUE</b>
29	29
2A	2A
2B	2B
2BCD	2B ACD
2CD	2 ACD
2NB	Other non-WECO Manufactured System 2-Wire
30	30
30X	300 Switching System
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
3A	3A
3ACD	3A ACD
3C	3C
40	40
40B	Automatic Electric 40B
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
4A	4A

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**Table E.** PBX Switching Systems Sorted By Code (Continued)

<b>CODE</b>	<b>DATA VALUE</b>
4ACD	4A CD
4B	4B
4NB	Other non-WECO Manufactured System 4-Wire
50	50
505C	505C
506A	506A
506B	506B
507A	507A
507B	507B
51	51
550C	550C
550S	550S
551A	551A
551B	551B
551D	551D
552A	552A
552B	552B
552D	552D
552E	552E
554A	5544 Tel Ans
554B	554B Tel Ans
554C	554C Tel Ans
555	555
556A	556A
557A	557A Tel Ans
557B	557B Tel Ans
558A	558A
5A	5A
5ACD	5A ACD
5B	5B
605A	605A

**Table E.** PBX Switching Systems Sorted By Code (Continued)

<b>CODE</b>	<b>DATA VALUE</b>
606A	606A
606B	606B
607A	607A
607B	607B
608A	608A
608B	608B
608D	608D
6A	6A
6B	6B
701A	701A
701B	701B
701P	701 PK
702A	702A
711A	711A
711B	711B
740A	740A
740B	740B
740C	740C
740E	740E
750A	750A
755	755
756A	756A
757	757
758	758
758C	758C
75DA	75DA
761A	761A
761B	761B
770A	770A
7XB	PBX Crossbar
8	8

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**Table E.** PBX Switching Systems Sorted By Code (Continued)

<b>CODE</b>	<b>DATA VALUE</b>
800A	800A
801A	801A
801B	801B
805A	805A
810A	810A
812A	812A
850A	850A
9	9
960	Fujitsu FOCUS 960S, 960E
9600	Fujitsu FOCUS 9600
9751	IBM ROLM 9751 CBX
A64	Alcatel PABX 100 Model 64
A741	North Electric AKD741
ACD	Automatic Call Distributor
AM20	AT&T Merlin 206
AM2	AT&T Merlin 2
AM30	AT&T Merlin 1030
AM41	AT&T Merlin 410
AM70	AT&T Merlin 3070
AM82	Merlin 820
AS20	AT&T System 25
AS70	AT&T System 75
AS80	AT&T System 85
AX2s	Hitachi AX2S
CA02	7024-A02 Conversant 2 Voice System
CA32	7024-A32 Conversant 1 Model 32
CA80	7024-A80 Conversant 1 Model 80
CD12	Stromberg-Carlson CDSS 120
CD24	Stromberg-Carlson CDSS 240
CD60	Stromberg-Carlson CDSS 60
COR1	Tadiran Electronic CORAL I CCS

**Table E. PBX Switching Systems Sorted By Code (Continued)**

<b>CODE</b>	<b>DATA VALUE</b>
COR2	Tadiran Electronic CORAL II CCS
COR3	Tadiran Electronic CORAL III CCS
CSRD	Stromberg-Carlson Crossreed
CTI	Concentrator Identifier
CTIC	Concentrator Identifier with Carrier
CXCR	CXC Rose
CYBH	Cyber Digital HUB/CBX
DTL	Digital Transmission 585 L PBX
DTN	Digital Transmission 585 M PBX/ACD
DTS	Digital Transmission 585 S PBX/ACD
DTS1	Digital Transmission 585 S1 PBX/ACD
E150	ETE USA IO&BC 150
E900	ETE USA IO&BC 900
EDX4	Hitachi EDX Rel 4
EXEC	Solid State Systems Jr. Exec
GX12	INTER-TEL BX-120
H201	Harris Digital 1201
H202	Harris Digital 1202
H20L	Harris Digital 20-20LH,L
H20M	Harris Digital 20-20M
HD2H	Hitachi HD200 Digital
HOR	Horizon System
I228	ISOETEC System 228
IB80	InteCOM IBX S/80
IMPL	NEC America Impulse
LDX4	Hitachi LDX Rel 4
M1TH	TIE/Communications M1000
MAN	PBX Manual
MDX4	Hitachi MDX Rel 4
MORG	TIE/Communications Morgan
N409	Nippon Electric NA409

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**Table E.** PBX Switching Systems Sorted By Code (Continued)

<b>CODE</b>	<b>DATA VALUE</b>
NEAX	NEC America NEAX 2400 IMS
NOV1	Telenova Telenova 1
NPAX	Nippon Electric Nepax 100
NS10	Northern Telecom SL-100
NS1A	Northern Telecom SL-1
NSLL	Northern Telecom SL-L
OMS1	Fujitsu GTE OMNI SI
OMS3	Fujitsu GTE OMNI SIII
OMS4	Fujitsu GTE OMNI SIV
ONYX	Tadiran Electronic ONYX 256
PBD	PBX Dial
PE1	101ESS Electronic Switch
PER2	Toshiba America Perception II
PSX	PBX Step-by-Step
REDW	IBM ROLM Redwood
S100	OKI Telecom Spectrum
S400	SS400
SAT1	Siemens Saturn I
SAT2	Siemens Saturn II
SAT3	Siemens Saturn III
SBCS	Fujitsu GTE SBCS/STATLOG
SE2	North Electric SE2
SRX1	Shared Resource Exchange System One
STAR	TIE/Communications Data Star PABX
SX2	Mitel SX2000XX
SX50	Mitel SX-50
SXTH	Mitel SX-200 Digital
SXTT	Mitel SX-2000 ICS
T400	ITT TE 400
TELL	Memorex Telex 1001 L
TELM	Memorex Telex 1001 M



**Table E.** PBX Switching Systems Sorted By Code (Continued)

<b>CODE</b>	<b>DATA VALUE</b>
TELS	Memorex Telex 1001 S
TL12	Memorex Telex 1200/5000
TLVL	Memorex Telex 1001 VL
TLVS	Memorex Telex 1001 VS
U300	Norelco UH300
VSCB	IBM ROLM VSCBX
X384	Redcom SBX-384