DSL TEC. OLOGIES

Revised 10/15/99

UNE Loop Description	Spectrum Mgmt Class	5 State SWBT USOC	2 State PB/NB USOC	NC/NCI[1] (see footnote)	Shielded Cabling Cross Connect	Loop Qual/ Spect. Mgmt.	Service Code[2] (see footnote)	PSD's Frequency Range	Qualification Loop Length
2-Wire Copper Loop, non-repeatered TP 76750	#1	2SLAX		LX-- / 02DU5001 (SWB) LX-- / 02QB5002 (PB)	No	Yes	AGXU	0-115 kHz	17.5 kft
2-Wire Digital Loop (ISDN/IDSL) TP 76750	#1	U2Q	LKB2Q or LKB3Q	LXT- or LXN- / 02IS5	No	No	IART or IARC		Not facility restricted (ISDN designed)
2-Wire Copper Loop, non-repeatered TP Under Development	#2	2SLCX		LX-- / 02DU5002 (SWB) LX-- / 02QB5002 (PB)	No	Yes	AGXU	0-238 kHz	17.5 kft
2-Wire Copper Loop, non-repeatered (e.g. HDSL) TP 76740	#3	2SLBX		LX-- / 02DU5003 (SWB) LX-- / 02QB5003 (PB)	No	Yes	AGXU	0-370 kHz	12 kft if 24 gauge or heavier 9 kft if any 26 gauge
4-Wire Copper Loop, non-repeatered (e.g. HDSL) TP 76740	#3	4SL1X		LX-- / 04DU5003 (SWB) LX-- / 04QB5003 (PB)	No	Yes	AGXU	0-370 kHz	12 kft if 24 gauge or heavier 9 kft if any 26 gauge
2-Wire Copper Loop, non-repeatered (e.g. HDSL2) TP Under Development	#4	2SLDX		LX-- / 02DU5004 (SWB) LX-- / 02QB5004 (PB)	No	Yes	AGXU	TU-C 440 kHz TU-R 25 to 138 kHz[3] (see footnote)	12 kft if 24 gauge or heavier 9 kft if any 26 gauge

[1] QB NCI codes are currently being used in Pacific Bell as Central Office NCI codes to reflect Collocation.

[2] The AGXU and ACFU service codes should be a flag to the Outside Plant Engineer that Spectrum Management must be considered. The NCI code will drive creation of the appropriate USOC to identify service being placed over the loop by the CLEC.

[3] TU-C is Transceiver unit – central office end. TU-R is Transceiver unit – remote terminal end.

DSL TEC OLOGIES

Revised 10/15/99

UNE Loop Description	Spectrum Mgmt Class	5 State SWBT USOC	2 State PB/NB USOC	NC/NCI[1] (see footnote)	Shielded Cabling Cross Connect	Loop Qual/ Spect. Mgmt.	Service Code[2] (see footnote)	PSD's Frequency Range	Qualification Loop Length
2-Wire Copper Loop, non-repeatered (ADSL) TP 76730	#5	U2F	ULA	LX-- or AC-- / 02DU9005 (SWB)[4] (see footnote) LX-- / 02QB9005 (PB)	Optional for CLEC, but recommended	Yes	ACFU	TU-C 138 to 1104 kHz TU-R 25 to 138 kHz[5] (see footnote)	17.5 kft
2-Wire Very High Band (VHB) Capable TP Under Development	#6[6] (see footnote)	2SLEX		LX-- / 02DU9006 (SWB) LX-- / 02QB9006 (PB)	No	Yes	AGXU	10-20 MHz	6 kft
2-Wire Copper Loop, non-repeatered TP Under Development	#7	2SLFX		LX-- / 02DU9007 (SWB) LX-- / 02QB9007 (PB)	No	Yes	AGXU	0-776 kHz	7 kft

[4] The standard NC code for PSD #5 is LX--. However, due to system constraints, the old NC code of AC-- must be used on mechanized requests in order to have MOG capabilities. At this time, both AC-- and LX-- are valid NC codes for PSD #5 for SWB. The NC code AC-- will be phased out once the necessary programming changes have been made.

[5] TU-C is Transceiver unit – central office end. TU-R is Transceiver unit – remote terminal end.

[6] PSD #6 is currently not available through normal ordering procedures. Requires Bona Fide Request (BFR).

DSL TECHNOLOGIES
Revised 10/15/99

Revisions from 10/07/99 version:

- Changed service code for Spectrum Management Class # 1 (2-wire copper) from IAFU to AGXU.
- Changed service code for Spectrum Management Class # 3 (2-wire) from AHFU to AGXU
- Changed service code for Spectrum Management Class # 3 (4-wire) from AHFU to AGXU
- Changed service code for Spectrum Management Class # 4 (2-wire) to AGXU
- Updated PSD #5 to add industry standard NC code of LX--. However, at this time, AC-- will continue to be a valid NC code for PSD #5 capable loops.
- Changed service code for Spectrum Management Class # 6 (2-wire) from AVFU to AGXU
- Changed service code for Spectrum Management Class # 7 (2-wire) from AVXU to AGXU
- Added PSD Frequency Range column

COVAD

Local Service Request

Administrative Section

CCNA: OVC	PON: [redacted]			VER: [redacted]	LSR NO:			
AN:	ATN:		SC: LCSC	PG: 1	OF: 3	D/TSENT: 1999 - [redacted] - [redacted] [redacted]		
DDD: 1999 - [redacted] - [redacted]	APPTIME:	DDDO:	APPTIME:	DFDT:	PROJECT:			
CHC:	REQTYP: AB	ACT: N	SUP: 3	EXP:	AFO:	RTR: D	CC: 4694	AENG:
ALBR:	SCA:	AGAUTH:	DATED:	AUTHNUM:				
ACTL: [redacted]	AI:	APOT:	LST:	LSO:	TOS:	SPEC: [redacted]	NC: [redacted]	
NCI: [redacted]	CHANNEL:	SECNCI: PSD#7	RPON:	RORD:				
LSP AUTH:	LSP AUTH DATE:	LSP AUTH NAME:	CIC: 7871	CUST:				

Bill Section

BI1: L	BAN1: [redacted]	BI2:	BAN2:	ACNA: Z4I	EBD:		
BILLNM: COVAD COMMUNICATIONS	SBILLNM:	TE: N	EBP:				
STREET: 2330 CENTRAL EXPRESSWAY	FLOOR:	ROOM:	CITY: SANTA CLARA	STATE: CA			
ZIP CODE: 95050	BILLCON: SANDRA TOWNES	TEL NO: 408-844-7574	VTA: 71				

Contact Section

INIT: YOLANDA HAMPTON [redacted]	TEL NO: 678-584-2319 [redacted]	EMAIL: [redacted]					
	FAX NO: 678-584-2137	STREET: 2180 SATELITE BLVD					
FLOOR: 4	ROOM/MAIL STOP:	CITY: DULUTH	STATE: GA	ZIP CODE: 30097			
IMPCON: LOOPACCEPTTEST	TEL NO: 888-999-0491	PAGER:	EMAIL: YHAMPTON@COVAD.COM				
ALT IMPCON:	TEL NO: -	PAGER:					
DSGCON: YOLANDA HAMPTON	DRC:	TEL NO: 678-584-2319	FAX NO: 678-584-2137				
STREET: 2180 SATELITE BLVD							
FLOOR: 4	ROOM/MAIL STOP:	CITY: DULUTH	STATE: GA	ZIP CODE: 30097			

REMARKS

[redacted]

End User Information

Administrative Section

PON	VER	AN	ATN	DQTY	PG	OF
81636	01				2	3

Location and Access

NAME [redacted]

SAPR

SANO [redacted]

SASF

SASD

SASN [redacted]

SATH [redacted]

SASS

SADLO

SADLO(Continued)

FLOOR

ROOM [redacted]

BLDG [redacted]

CITY [redacted]

STATE [redacted]

ZIP CODE [redacted]

LCON [redacted]

TEL NO [redacted]

EUMI

ACC

WSUP V

CPE MFR

CPE MOD

Inside Wire

IWO

IWBAN

IWCON

TEL NO

Bill Section

EAN

EATN

FBI

BILLNM

SBILLNM

STREET

FLOOR

ROOM

CITY

STATE

ZIP CODE

BILLCON

TEL NO

SSN

Loop Service

Administrative Section

PON	VER	AN	ATN	LQTY	PG	OF
81636	01			001	3	3

Service Details

REFNUM: 0001 CKR: LNA: N TSP:

SAN:

CFA: HB 101/26-NL/ 05 / AUSTTXJC / AUSTTXJCHE1 SYSTEM ID: CABLE ID:

SHELF	SLOT	RELAY RACK	CHAN/PAIR	JK CODE	JK NUM	JK POS	JR	NIDR	IWJK	IWJQ

IWJK	IWJQ	IWJK	IWJQ	DISC#	TER	TC OPT	TC TO	TC PER

REFNUM CKR LNA TSP

SAN ECCKT

CFA SYSTEM ID CABLE ID

SHELF	SLOT	RELAY RACK	CHAN/PAIR	JK CODE	JK NUM	JK POS	JR	NIDR	IWJK	IWJQ

IWJK	IWJQ	IWJK	IWJQ	DISC#	TER	TC OPT	TC TO	TC PER

REMARKS