***Wholesale Special Access (SPA) Conversion to Unbundled Network Element – Loop (UNE-L)***

***CLEC***

***Information Package***

**Version 3**

**July 13, 2018**

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# 1.0 Introduction & Scope

This Product Information Package is intended to provide CLECs general information for converting existing wholesale SPA service to UNE Loop (UNE-L). Detailed UNE-L ordering guidelines specific to Loop types are provided in documents located on AT&T’s Interconnection Web site.

The information contained in this document is subject to change. AT&T will provide notification of changes to the document through the CLEC Notification Process.

Please contact your AT&T Sr. CAM if you have any questions about the information contained herein.

# 2.0 Contract Requirements

Before a SPA service can be converted to a UNE Loop, the CLEC must have an Interconnection Agreement (IA) that includes terms and conditions for conversions of wholesale services to UNE-L. The IA must also include the terms, conditions and rates for each Loop type to which the wholesale transport service is converting. This agreement must be in effect for all states where the CLEC plans to order these Unbundled Loops.

The information contained herein applies to the conversion of wholesale SPA services to UNE-L process general offering and is part of the standard IA. The general offering is in accordance with AT&T policies, procedures and regulatory obligations as well as the IA.

The general offering does not address specific contract issues within a CLEC’s Interconnection Agreement that may be different from the general offering. Where specific contract issues differ from the information provided here, the contract provisions will prevail for the term of the specific CLEC Interconnection Agreement. Otherwise, the general offering provisions will apply.

# 3.0 Service Description

The Wholesale SPA Service Conversion to UNE-L process is defined as an existing wholesale SPA service that is converting to an equivalent UNE-L with no physical changes, reconfigurations or moves. The wholesale SPA service that is converting is a wholesale Local Channel facility from the *Special Access (SPA) Tariff* or from the *Switched Access (SWA) Tariff*. The Local Channel facility that can be converted is connected from the end-user’s location to the end-user’s serving wire center (SWC). For purposes of this document, the wholesale transport service will be referred to as the SPA/SWA Local Channel.

# Basic Service Requirements

The conversion will not require any physical work. It will be converted as a ‘switch-as-is’.

The SPA/SWA Local Channel must be compatible with the UNE Loop to which it is being converted. The local channel facilities can be converted to the following UNE Loops:

* 2 Wire Unbundled Voice Loop–SL2
* 4 Wire Unbundled Voice Loop
* 4 Wire Unbundled Digital Loop (64, 56 kbs, etc.)
* 4 Wire Unbundled DS1 Loop

CLEC should review the connecting arrangements found in Section 8 to determine if its existing service can convert to a compatible UNE Loop.

The connecting arrangements allowed are to a collocation arrangement or to a MUX (results in a commingled Loop) in the end-user’s SWC.

If conversion will result in a commingled circuit and a DS1 Loop will be combined with a DS3 interoffice transport, the interoffice transport must be connected to a collocation arrangement in a AT&T wire center located in the same LATA as the end-user’s premises.

A conversion to a UNE-L is not available for purchase if the UNE-L will be used to provide telecommunication services to wireless cells sites or Mobile Telephone Switching Office (MTSO) locations.

The circuit identification (ID) will change to a UNE Loop circuit ID.

# Ordering Information

Project managed spreadsheet ordering is available.

## 5.1 Project managed (Spreadsheet)

All reconfigurations of Special Access arrangements to UNEs will be handled as projects. Critical dates and due dates for all projects are to be negotiated. The CLEC will use the spreadsheet process for these types of conversions. SPA/SWA Local Channel conversions submitted on a spreadsheet can only convert to one Loop type (must be same NC/NCI combination). Following are the steps to be taken when submitting a spreadsheet:

1. The CLEC prepares the ‘**SE SPA to UNE Conversion Spreadsheet’** according to the instructions contained in the spreadsheet file.
2. The CLEC will submit the spreadsheet to the LSC
3. The LSC will assign a Project Identification (ID) number and establish due dates.
4. The LSC will validate the circuit information on the spreadsheet and notify the CLEC if spreadsheet is accepted or reject spreadsheet back to the CLEC.
5. Once the spreadsheet information is validated, the spreadsheet will be input to the ordering systems and the LSC will project manage the spreadsheet conversion.
6. The LSC will send a copy of the spreadsheet back to the CLEC once the conversions are completed.

###### Ordering Information (continued)

## 5.2 Spreadsheet Requirements

Wholesale SPA Service to UNE Loop conversions include multiple connecting arrangements. Each connecting arrangement will have NC/NCI/SECNCI code combinations depending on the connecting arrangements. The connecting arrangement scenarios as well as the NC/NCI/SECNCI combinations and BCSs are contained in Section 8 of this document. The CLEC will select the appropriate UNE NC/NCI/SECNCI codes from Section 8 to be used on the LSR and the spreadsheet.

#

# 6.0 Non-Recurring Charge (NRC) Application

The NRCs in the table below will apply for a switch-as-is conversion to UNE-L.

|  |  |  |
| --- | --- | --- |
| **Ordering on:** | **USOC** | **Application of NRC** |
| Spreadsheet | URESP | 1st NRC applies to the 1st Loop on each LSR generated from the spreadsheet and add’l NRC applies to the additional loops on the same LSR |
| SOMAN | Applies according to the current rules for LSRs which in most states is per LSR. This would apply per LSR generated from the spreadsheet. |

# 7.0 Intervals

For project managed spreadsheet orders, the interval will be determined by the LSC on an individual case basis (ICB) per the negotiated project management process.

# 8.0 Connecting Arrangements’ Scenarios

The scenarios below will be used to determine which Local Channel services can be converted (switched-as-is) to UNE Loops. There are five scenarios with each having two charts. Each chart contains information about the SPA/SWA Local Channel services that can be converted and the UNE Loop to which the SPA/SWA Local Channel can be converted.

Reference numbers are made up of the scenario number and the number that is assigned for each specific Local Channel (LC) to UNE-L alternative. Each number is preceded by either LC or UNE. Conversions can take place between those LC services and UNE Loops that have matching scenario and service numbers. For example a LC 2.1 may convert to a UNE 2.1.

8.1 Scenario 1 *(Existing Local Channel connected to collocation converts to a UNE DS1)*

DSO or DS1 Local channel

End User Premises

(**CKL2)**

**EU SWC**

 **(CKL 1)**

Collo

DSO or DS1

UNE Loop

|  |
| --- |
| ***Convert FROM following existing Local Channel (Collocation)*** |
| **Ref #** | **Local Channel** | **Local Channel BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI at (CKL2)** | **CLEC Interface** |
| LC 1.1 | DS1 Local Channel | XDH1X | TMECS1PQE1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04QB9.1104QB6.33 | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |  |
|  |
| ***Convert TO the following UNE Loop (Collocation)*** |
| **Ref #** | **UNE Loop** | **UNE BCS** | **UNE USOCs** | **NC Code** | **NCI Code (CKL1)** | **SECNCI (CKL2)** | **CLEC Interface** |
| LC 1.1 | DS1 Loop | USL | USLXXPE1P1 or CNC1X | HC- -HCD-HCZ-HCE- | 04QB9.1104QB6.33 | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN | PE1P1 (physical) or CNC1X (virtual) |

**Note:**

SPA/SWA Local Channel DS0/Collo switch-as-is conversions are not allowed since SPA/SWA Local Channel DSO/Collo conversions to UNE DS0/Collo will require physical work to move the circuit from CFA to a cable/pair connection on the collocation and the end-user service would be interrupted.

8.2 Scenario 2 *(conversion results in a multi-bandwidth* ***commingled UNE Loop****)*

**End User Premises (CKL3)**

##### POP/EU SWC

DS0 or DS1 Local Channel

DS1 or DS3 Local Channel

Mux

##### POP

**(CKL 1)**

DSO or DS1UNE Loop

|  |
| --- |
| ***Convert FROM the following existing Local Channel (Commingled)*** |
| **Ref #** | **Local Channel** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| LC 2.1 | DS1 Local Channel | XDH1X | TMECS,1PQE1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| LC 2.2 | 2 Wire Voice Grade (DS0) Local Channel | XDV1X | T6E2X | LB-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS2 |
| XDV2X | T6E2X | LC-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| XDV3X | T6E2X | LD-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS202RV2.T |
| XDV7X | T6E2X | LH-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02GS202LS202RV2.T |
| XDV8X | T6E2X | LJ-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| LC 2.3 | 4 Wire Voice Grade (DSO) Local Channel | XDV2X | T6E4X | LC-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS2 |
| XDV3X | T6E4X | LD-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS204GS2 |
| XDV7X | T6E4X | LH-- |
| LC 2.4 | 4 Wire Digital Data (DS0) Local Channel (64, 56 kbs, etc) | XXD1X | T6ECS | XA- - XB- -XG- -XC -XH- -XD- -  | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |
| XDD2X | T6ECS |
| XDD3X | T6ECS |
| XDDEX | T6ECS |
| XDD4X | T6UCS |
| XDDFX | T6ECS |

**Notes:**

* NCI represents the highest service involved in the request; SECNCI always represents the lowest level of service

###### Scenario 2 *(continued)*

|  |
| --- |
| ***Convert TO the following UNE DS1 Loops (Commingled)***  |
| **Ref #** | **UNE SERVICE** | **UNE****BCS** | **UNE USOCS** | **NC Code**  | **NCI Code at CKL1** | **SECNCI at CKL3** |
| UNE 2.1 | DS1 Loop | NTCD1 | USLXXUC1D1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| UNE 2.2 | 2 Wire Voice Grade UNE Loop | NTCVG | UEAL21D1V1 | LY- - | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 02LS202GS202RV2.T |
| UNE 2.3 | 4 Wire Voice Grade UNE Loop | NTCVG | UEAL41D1VG | LY-- | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 04LS204GS2 |
| UNE 2.4 | 4 Wire Digital Data UNE Loop (64, 56 kbs, etc) | NTCUD | UDL2XUDL4XUDL9XUDL19UDL56UDL641D1DD | LY- - | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |

**Notes:**

* NCI represents the highest service involved in the request; SECNCI always represents the lowest level of service

8.3 Scenario 3(conversion results in a multi-bandwidth commingled UNE Loop)

DSO Local Channel

#####  EU SWC

**DS1**

**Interoffice** Facility

##### POP SWC

**DS1 or DS3 Local** **Channel**

### POP

**(CKL 1)**

### End User Premises

**(CKL 3)**

Mux

DSO UNE

| ***Convert FROM the following existing Local Channel services (Commingled)*** |
| --- |
| **Ref #** | **Local Channel Service** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| LC 3.1 |  Any High Cap (e.g, DS3/DS1) combination (Loop + IOF) must go to collocation within a BST CO. In this scenario, there is no collocation in a BST CO. Therefore, commingled DS3/DS1 combinations are not allowed. DS1 Local Channel |  |  |  |  |  |
| LC 3.2 | 2 Wire Voice Grade (DS0) Local Channel | XDV1X | T6E2X | LB-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS2 |
| XDV2X | T6E2X | LC-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| XDV3X | T6E2X | LD-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS202RV2.T |
| XDV7X | T6E2X | LH-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02GS202LS202RV2.T |
| XDV8X | T6E2X | LJ-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| LC 3.3 | 4 Wire Voice Grade (DS0) Local Channel | XDV2X | T6E4X | LC-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS2 |
| XDV3X | T6E4X | LD-- | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS204GS2 |
| XDV7X | T6E4X | LH-- |
| LC 3.4 | 4 Wire Digital Data (DS0) Local Channel (64, 56 kbs, etc) | XXD1X | T6ECS | XA- - XB- -XG- -XC -XH- -XD- -  | 04DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |
| XDD2X | T6ECS |
| XDD3X | T6ECS |
| XDDEX | T6ECS |
| XDD4X | T6UCS |
| XDDFX | T6ECS |

**Notes:** NCI represents the highest service involved in the requests; SECNCI represents the lowest level of service

###### Scenario 3 *(continued)*

|  |
| --- |
| ***Convert TO the following UNE Loops (Commingled)***  |
| **Ref #** | **UNE SERVICE** | **UNE****BCS** | **UNE USOCS** | **NC Code**  | **NCI Code at CKL1** | **SECNCI at CKL3** |
| UNE 3.1 | Any High Cap (e.g, DS3/DS1) combination (Loop + IOF) must go to collocation within a BST CO. In this scenario, there is no collocation in a BST CO. Therefore, commingled DS3/DS1 combinations are not allowedDS1 Loop |  |  |  |  |  |
| UNE 3.2 | 2 Wire Voice Grade UNE Loop | NTCVG | UEAL21D1V1 | LY- - | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 02LS202GS202RV2.T |
| UNE 3.3 | 4 Wire Voice Grade UNE Loop | NTCVG | UEAL41D1VG | LY-- | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 04LS204GS2 |
| UNE 3.4 | 4 Wire Digital Data UNE Loop (64, 56 kbs, etc) | NTCUD | UDL2XUDL4XUDL9XUDL19UDL56UDL641D1DD | LY- - | 04DS9.1504DS9.1K04DS9.15B04DS9.1S | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |

**Notes:** NCI represents the highest service involved in the requests; SECNCI represents the lowest level of service

8.4 Scenario 4*(conversion results in a multi-bandwidth commingled UNE Loop)*

DSO or DS1 Local Channel

End User Premise

**(CKL3)**

**EU SWC**

MUX

Collo

**(CKL1)**

DS1 or DS0 UNE Loop

**SPA T1CFA (DS0)** **or** **SPA T1TIE (DS1)** **or SPA T3CFA (DS1)**

|  |
| --- |
| ***Convert from the following existing Local Channel services (Commingled)*** |
| **Ref #** | **Local Channel SERVICE** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| LC 4.1 | DS1 Local Channel | XDH1X | TMECS,1PQE1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04QB9.1104QB6.3304DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| LC 4.2 | 2 Wire Voice Grade (DS0) Local Channel | XDV1X | T6E2X | LB-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS2 |
| XDV2X | T6E2X | LC-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| XDV3X | T6E2X | LD-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS202RV2.T |
| XDV7X | T6E2X | LH-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02GS202LS202RV2.T |
| XDV8X | T6E2X | LJ-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |

**Scenario 4** *(continued)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref #** | **Local Channel SERVICE** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| LC 4.3 | 4 Wire Voice Grade (DSO) Local Channel | XDV2X | T6E4X | LC-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS2 |
| XDV3X | T6E4X | LD-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS204GS2 |
| XDV7X | T6E4X | LH-- |
| LC 4.4 | 4 Wire Digital Data (DS0) Local Channel (64, 56 kbs, etc) | XXD1X | T6ECS | XA- - XB- -XG- -XC -XH- -XD- -  | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |
| XDD2X | T6ECS |
| XDD3X | T6ECS |
| XDDEX | T6ECS |
| XDD4X | T6UCS |
| XDDFX | T6ECS |

|  |
| --- |
| ***Convert TO the following UNE Loops (Commingled)***  |
| **Ref #** | **UNE SERVICE** | **UNE****BCS** | **UNE USOCS** | **NC Code**  | **NCI Code at CKL1** | **SECNCI at CKL3** |
| UNE 4.1 | DS1 Loop | NTCD1 | USLXXUC1D1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04QB9.1104QB6.3304DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| UNE 4.2 | 2 Wire Voice Grade UNE Loop | NTCVG | UEAL21D1V1 | LY- - | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 02LS202GS202RV2.T |
| UNE 4.3 | 4 Wire Voice Grade UNE Loop | NTCVG | UEAL41D1VG | LY-- | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 04LS204GS2 |
| UNE 4.4 | 4 Wire Digital Data UNE Loop (64, 56 kbs, etc) | NTCUD | UDL2XUDL4XUDL9XUDL56UDL641D1DD | LY- - | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |

**Notes:** NCI represents the highest service involved in the requests; SECNCI represents the lowest level of service

8.5 Scenario 5*(conversion results in a multi-bandwidth commingled UNE Loop)*

###### EU SWC

**End User Premise**

(CKL3)

**DSO or DS1 Local Channel**

DS1 or DS3 Interoffice Channel

###### POP SWC

MUX

Collo

DSO or DS1 UNE Loop

**(CKL1**)

|  |
| --- |
| ***Convert FROM the following existing Local Channel services (Commingled)*** |
| **Ref #** | **Local Channel SERVICE** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| 1qLC 5.1 | DS1 Local Channel | XDH1X | TMECS,1PQE1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04QB9.1104QB6.3304DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| LC 5.2 | 2 Wire Voice Grade (DS0) Local Channel | XDV1X | T6E2X | LB-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS2 |
| XDV2X | T6E2X | LC-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |
| XDV3X | T6E2X | LD-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS202GS202RV2.T |
| XDV7X | T6E2X | LH-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02GS202LS202RV2.T |
| XDV8X | T6E2X | LJ-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 02LS2 |

**Scenario 5** *(continued)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref #** | **Local Channel SERVICE** | **Local Channel****BCS** | **Local Channel USOCS** | **NC Code**  | **NCI Code (CKL1)** | **SECNCI (CKL3)** |
| LC 5.3 | 4 Wire Voice Grade (DSO) Local Channel | XDV2X | T6E4X | LC-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS2 |
| XDV3X | T6E4X | LD-- | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04LS204GS2 |
| XDV7X | T6E4X | LH-- |
| LC 5.4 | 4 Wire Digital Data (DS0) Local Channel (64, 56 kbs, etc) | XXD1X | T6ECS | XA- - XB- -XG- -XC -XH- -XD- -  | 04QB9.1104QB6.3304DS9.1504DS9.15B04DS9.1K04DS9.1S04DS6.44 | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |
| XDD2X | T6ECS |
| XDD3X | T6ECS |
| XDDEX | T6ECS |
| XDD4X | T6UCS |
| XDDFX | T6ECS |

**Notes:** NCI represents the highest service involved in the requests; SECNCI represents the lowest level of service

|  |
| --- |
| ***Convert TO the following UNE Loops (Commingled)***  |
| **Ref #** | **UNE SERVICE** | **UNE****BCS** | **UNE USOCS** | **NC Code**  | **NCI Code at CKL1** | **SECNCI at CKL3** |
| UNE 5.1 | DS1 Loop | NTCD1 | USLXXUC1D1 | HC -- (AMI – SF)HCD- (AMI – ESF)HCZ- (B8ZS – SF)HCE- (B8ZS – ESF) | 04QB9.1104QB6.3304DS6.44 [DS3]04ST6.A [STS-1] | 04DU9.BN04DU9.1KN04DU9.DN04DU9.1SN |
| UNE 5.2 | 2 Wire Voice Grade UNE Loop | NTCVG | UEAL21D1V1 | LY- - | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 02LS202GS202RV2.T |
| UNE 5.3 | 4 Wire Voice Grade UNE Loop | NTCVG | UEAL41D1VG | LY-- | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 04LS204GS2 |
| UNE 5.4 | 4 Wire Digital Data UNE Loop (64, 56 kbs, etc) | NTCUD | UDL2XUDL4XUDL9XUDL19UDL56UDL641D1DD | LY- - | 04QB9.1104QB6.3304DS9.1504DS9.1K04DS9.15B04DS9.1S | 04DU5.2404DU5.4804DU5.9604DU5.1904DU5.5604DU5.64 |

# 9.0 Acronyms

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| ACT | Activity Code |
| BCS | Basic Class of Service |
| CKR | Circuit  |
| CLEC | Competitive Local Exchange Carrier |
| EU | End User |
| IA | Interconnection Agreement |
| LOH | Local Ordering Handbook |
| LSM | Local Support Manager |
| LSR | Local Service Request |
| MTSO | Mobile Telephone Switching Office |
| NC | Network Code |
| NCI | Network Code Interface |
| NRC | Non-Recurring Charge |
| Reqtype | Required Type |
| SECNCI | Secondary Network Code Interface |
| SPA | Special Access |
| SPEC | Specification |
| SWA | Switched Access |
| SWC | Serving Wire Center |
| UNE | Unbundled Network Element |
| UNE-L | UNE Loop |