Qwest Loop Qualification

Qwest IMA Loop Qualification Check List

Element	Definition	Data Provided?
1. **Loop Length**	Overall distance from end user location to central office expressed in KFT = Kilofeet, or KM = Kilometers.	YES
2. **26 Gauge Equivalent Loop Length**	Identifies the 26-gauge equivalent loop length (expressed in KFT or KM) for the distance from the end user location to the central office.	YES
3. **Bridge Tap Quantity**	Identifies the number of bridge taps on the loop.	YES
4. **Bridge Tap Length**	Identifies the length of bridge tap associated with the loop.	YES
5. **Load Coil Quantity**	Identifies the number of load coils on the loop.	YES
6. **Pair Gain/DLC Type**	Identifies the type of pair gain on the loop.	YES
7. **Loop Length Type**	Identifies the process used to determine the loop length.	YES
8. **Digital Added Main Line (DAML) Presence**	Identifies the presence of Digital Added Main Line on the loop. (Note: OBF has changed reference of DAML to Digital Single Subscriber Carrier or DSSC).	YES New Tool "Raw Loop Data" 12/00

Loop Qualification Issues

Qwest has provided 2 tools for obtaining loop make up information, both of which are available in the IMA GUI system.

- **Unbundled ADSL Loop Qualification**
- **Raw Loop Data**   (Implemented December 2000)

The Unbundled ADSL Loop Qualification tool provides a "Yes or No" to ADSL Qualification based off of Qwest ADSL standards. Should the CLEC's be held to those standards? (Example –dB loss greater than xxdB receives a "No")

Missing loop make up information.

1. Qwest has not provided a process to request a loop make up when there is no or missing information in IMA.
2. As provided, CLEC's were to place the order without performing a loop qualification and Qwest would review internally.

Plan of Improvement

1. Qwest has not provided its plans to continuously update and maintain its loop make up systems (LFACS).
- It has been reported that approximately 30% of all working loops are available in LFACS.
- Without accuracy improvements, both Qwest and the CLEC's will continue to experience the volume of loops that have been qualified by the CLEC but don't match actual field conditions.

- Covad would like to recommend that Qwest implement processes that provide conditioning on Line Shared loops in the maintenance process by the end of 1Q01. All ILEC's should emulate this process to resolve loop qualification / actual field conditions in the ILEC maintenance procedures 1Q01.

2. Covad would like to request that Loop Qualification performance measures be developed and reported on periodically by Qwest starting February 16, 2001. Possible measures could include:
   - Percent of loops available by MSA
   - Goals for the quarter
   - Relationship to the CLEC forecasts

Remarks

- IMA Loop Qualification tool provides both the requested working loop make up and alternative numbers.
- In December 2000, Qwest provided a new method of obtaining loop qualifications called "Raw Loop Data". We are currently evaluating and implementing this into our existing pre-ordering processes for Line Sharing in the Qwest region.
   - This "Raw Loop data" can be obtained on an order by order basis through the IMA GUI
   - Downloaded in bulk monthly on a CO by CO basis
- Qwest has provided automated loop qualification capability.

All responses to this document should be sent to:

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