

ETC Washington

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What enhanced services will Clear Talk provide in WA? Are any of these enhanced services provided by Clear Talk in other states? Please provide a web address for ordering the enhanced services provided by Clear Talk in other states.

Cleartalk will be offering SMS, VM, Internet Access, streaming, video pictures, and prepaid services along with other standard offers.

8-1

Please describe the network Clear Talk will use in WA in a manner that allows an analysis of the applicability of 47 C.F.R. 54.201 (e) through (i)

The facilities Cleartalk will be using are located at 319 Yakima Ave., Yakima, WA and all supporting services and equipment will be based at the same building. The previously mentioned companies will provide the transport services. All cell sites locations are listed below.

8-2

Is Clear Talk's service resold wireless service, in whole or in part?

NO

8-3

Please describe in detail (e.g., names of equipment vendors, calling path) the fixed wireless network Clear Talk will use.

REDACTED

8-4

Please provide the location of cell towers owned by NTCH that will be used to provide service in WA.

REDACTED

REDACTED

8-5

With respect to the last sentence of the paragraph, how much more bandwidth will Cleartalk provide in comparison to the legacy wireline telephone network? How much more bandwidth in comparison to CMRS systems?

REDACTED

9-1

In what way Cleartalk's offerings not just "another wireless choice?"

Because we are a local carrier, locally owned, hire local people and are involved in the local community we can offer high services for a lower cost.

12-1

How will designation of Cleartalk increase the availability to consumers of advanced services?

Give the residents of the tri-cities area a lower rate than our competition; make it easier for low-income consumers to have phone service at a more affordable cost with the same features as large carriers.

12-2

What will be the rate for Cleartalk's basic service?

\$29.95 to \$32.95 for basic service

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In Mbps, what will be the speed of Cleartalk's high-speed access to the Internet?

The EV-DO feature of CDMA2000 networks provides access to mobile devices with air interface speed of up to 3.1 Mbps with Rev. A. Typical download speeds of 600 Kbps to 1.4 Mbps, and typical upload speeds of 500-800 Kbps.

26-1

What attribute(s) of Cleartalk's network will make it "more reliable than standard wireless networks?"

REDACTED

26-2

Please describe "star networking," "chain networking," and "hybrid networking."

Star:

The type of network topology in which each of the nodes of the network is connected to a central node with a point-to-point link in a 'hub' and 'spoke' fashion, the central node being the 'hub' and the nodes that are attached to the central node being the 'spokes' (e.g., a collection of point-to-point links from the peripheral nodes that converge at a central node) – all data that is transmitted between nodes in the network is transmitted to this central node, which is usually some type of device that then retransmits the data to some or all of the other nodes in the network, although the central node may also be a simple common connection point.

Chain:

In a chain, each station is plugged into the device upstream and downstream from itself.

Hybrid:

Hybrid networks use a combination of any two or more topologies in such a way that the resulting network does not exhibit one of the standard topologies (e.g., bus, star, ring, etc.). For example, a tree network connected to a tree network is still a tree network, but two star networks connected together exhibit a hybrid network topology. A hybrid topology is always produced when two different basic network topologies are connected.

Please describe how the last mile connectivity is engineered, monitored.

Clear talk's geographic areas (Coverage area) are split up into smaller cells to deal with line-of-sight signal loss due to terrain and other possible obstacles. In cities, each cell site has a range of up to approximately 1 mile, while in rural areas; the range is approximately 5 miles. In clear open areas, a user may receive signals from a cell 20 miles away. Each cell overlaps other cell sites. All of the cell sites are connected to a cellular switch, which in turn connects to the public telephone network or another switch. The wireless local loop (WLL) known as the last mile/first mile is the method of connection for delivering service from Clear talk's cell sites to its customer's handsets. The cell sites and supporting trunking are monitored from Clear talk's main switching equipment, which allows for trouble detection and resolution through the OMS system management platform.

Please describe how the facility-based interconnections eliminate issues with virtual NXX arrangements.

Virtual NXX codes are primarily used by competitive local exchange carriers to give their customers a wider local calling area, Cleartalk is not a local exchange carrier. Virtual NXX is the assignment of a telephone number to a customer that is not physically located in the exchange to which the NXX is assigned. Cleartalk will buy a number of NPA-NXX blocks, which will be assigned a Rate Center, CLLI code, destination code for the Central office (CO), origination code for the switch, which will identify what state and LATA belongs to the NXX's. With Cleartalk equipment (Cell sites) localized our customers have to be on our sites to be able to make or receive a call.

There is a reference to Exhibit D, but there appears to be no exhibit labeled "D." Please provide a copy of Exhibit D.

See below, sorry the exhibit was not attached to the petition.

REDACTED

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Is there a contract between Cleartalk and Intrado at this time:

No. We currently handle this function through Intrado in our Tennessee market and will probably go with them in Washington.

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WAC 480-123-030(1)(g) requires four hours of battery back-up power at each cell site. Please provide a list of cell sites operated by Cleartalk in WA with the amount of battery back-up power available at each site.

There are no cell sites on line at this time; however every site listed on site list will have the appropriate battery backup.

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Please describe how Cleartalk is able to monitor network performance.

REDACTED