

# Network Disclosure Announcement #440

Public Notice of Network Change(s), pursuant to CFR 47, subsections 51.325 - 51.335.  
Qwest Communications Internet address: <http://www.qwest.com/disclosures>.

## Intermediate Frequency/ Multi Media Distribution Service

**Disclosure Date: May 26, 1999**

### Summary:

This document announces that U S WEST currently deploys a service called Intermediate Frequency/Multi Media Distribution Service (IF/MMDS) transport. This service has had limited and is offered for three wire centers in the state of Arizona.

### Locations and Timing of Deployment:

U S WEST currently deploys Intermediate Frequency/Multi Media Distribution Service on a limited basis in the following wire centers:

**Phoenix North PHNXAZNO Available now**

**Phoenix South PHNXAZSO Available now**

**Phoenix Sunnyslope PHNXAZSY Available now**

If the deployment locations expand to additional areas, U S WEST will update this disclosure on the disclosure web site at [http://www.qwest.com/disclosures/disclosure #440](http://www.qwest.com/disclosures/disclosure#440). In the case where the interfaces for Intermediate Frequency/Multi Media Distribution Service change, U S WEST will issue a new disclosure and place it on the U S WEST disclosure web site at <http://www.qwest.com/disclosures>.

### Pricing:

U S WEST is pricing the IF/MMDS on customer demand, individual cases by case basis.

### Interface Requirements:

This transport service provides an IF passband frequency of 41.5 to 46.4 Mhz and signal strength CNR of 52 dB unweighted measure. The frequency spectrum has a bandwidth of 40.4 to 47.6 Mhz with 40 dB cutoff. The customer interface is a standard 75 ohm BNC connector. This service provides the customer with one way transmission of a 4.9 MHz signal on a fiber optic connection from its headend location to its transmitter tower location. This signal will contain the customer's Internet data link for broadcast over airwaves.

### Additional Information:

Additional technical information on the interfaces utilized Intermediate Frequency/Multi Media Distribution Service is available from ADC Broadband Communications in the document entitled "**DV6000 MMDS OPTIMIZED INTERMEDIATE FREQUENCY (IF) ENCODERS AND DECODERS**". This document is free and available by contacting:

**ADC Broadband Communicaitons  
(612) 946-3434**

or contact their web site : <http://www.adc.com/Library/BCDpdfs/1543.pdf>.

Any customer or premises equipment vendor/manufacturer or enhanced services provider wanting to offer products or services in conjunction with the Intermediate Frequency/Multi Media Distribution Service may request additional information by contacting:

Mr. Gill Lisano  
Product Manager  
U S WEST  
1999 Broadway, Rm. 740  
Denver, Colorado 80202  
(303) 896-8859

**NOTE:** This announcement has been released in accordance with the FCC Rule 51.333(a), Certification of Short Term Public Notice.