



**Supporting the 2-year College Interactive Video Community  
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**ITV Insight**

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319 7<sup>th</sup> Avenue, PO Box 42495,  
Olympia, WA 98504-2495.  
Phone 360-704-4371  
Fax 360-586-6440.

Peter Savin, editor  
psavin@sbctc.ctc.edu

**Summer is Finally Here!**

Greetings everyone! Hopefully everyone is enjoying what little summer we have been granted this year. The rain will be back soon, so enjoy it while you can. I'm pleased to have the opportunity take over writing the ITV Insight newsletter, and will endeavor to keep things interesting and to the point.

**221 to 732 Prefix Change Update**

The migration from 221 to 732 ISDN prefixes is going smoothly, with very few problems encountered. About 75% of the CTCs have switched over to using the 732 prefixes. K12 sites are expected to begin migrating in early September. As a reminder, we are still currently in a permissive dialing period, which will continue until October. This means that most sites can still be reached using the 221 prefix, though we encourage you to begin using 732 sooner rather than later.

As an exception to the permissive dialing described above, all conferences on the MCUs are now using 732 numbers, the MCUs will no longer accept calls to 221 prefixes, aside from the old loopback numbers, which will be phased out soon.

Some sites did run into problems with bonded calls to MCU1 and MCU2 in early July. This was traced to a node routing issue at Qwest which caused inadequate overflow capacity. The problem was resolved quickly, and anyone encountering difficulty connecting should contact MCU support right away to let them know about the issue.

If you have not yet taken the time to switch your equipment over to the 732 prefix, I'd like to take this opportunity to encourage you to do so. The MCU support staff is working hard to perform thorough testing for each site individually, ensuring that your conferences go smoothly. They will likely be

swamped when the K12 sites start the conversion in the fall. Now is the best chance for your site to get personalized testing.

**New K20 Video Loopback Numbers**

I'm sure that most of you are aware that the K20 MCU staff operates several loopback numbers. These are invaluable for testing new equipment and configurations. As part of the move of K20 ISDN numbers to the 732 prefix, the loopback numbers have been changed. They now as follows:

Bonded (Profile #007)	206.732.9111
Wideband (Profile #009)	206.732.9109
IP (H.323)	03029755

**Speaking of IP video...**

More and more sites are migrating towards IP only video conferencing, and improvements in technology and bandwidth availability insure have contributed to their success. As of this writing there are 65 IP resources listed in KORRS, or about 12% of K20 video sites.

The NTSC group and K20 board are currently working to create a team that will build and test a proof of concept IP only video conferencing network. This testing will pave the way for the eventual migration of the K20 network away from older ISDN technology. The hope is that with enough bandwidth, efficient video conferencing equipment, and QOS (Quality Of Service) reliability, a scalable and efficient IP network will provide for all of the K20 data and video needs. IP video also enables K20 sites to video conference with Off Net sites without expensive long distance ISDN charges, a capability which is currently put to good use by a number of sites in all of the K20 sectors.

*Speaking of IP Video continued...*

Is your video equipment IP capable? Do you know how to use the K20 Gatekeeper for IP video? Have you established a relationship with the folks that manage your firewalls, switches, and routers? I encourage each of you to familiarize yourselves with video over IP, as it can provide you with some real power and flexibility, and will likely become the norm rather than the exception in the coming years.

### **Managing Your KORRS Listings**

*It's 12 PM. Does KORRS know where your schedulers are?*

I'd like to take a moment to remind everyone to try to keep the contact and resource information in your KORRS listings up to date. It's important that your default calling profile is correct (Profile #007, IP, etc), as this is the information that the MCU schedulers use to create ports for the video conferences. These guys work hard to keep our conferences running smoothly, so let's make sure to do our part to lighten their loads! And it's equally important that resource contact information is up to date, enabling us to get in touch with each other easily when the need arises.

Please take a few minutes to log in to KORRS at <http://www.k20.ctc.edu/ITV/default.asp> (click Site Services after logging in with your SID) and correct any out of date information about your organization and resources. *Tip: If you need to use more than one email address as your Resource or Organization contact, you can use multiple emails separated by semi-colons (commas will not work).*

If your site switches from ISDN to IP video, or if you need to add or remove KORRS resources, please contact the KORRS Helpdesk at [korrs@sbctc.ctc.edu](mailto:korrs@sbctc.ctc.edu) or 360.704.7371 for assistance in adding the IP only resource to KORRS and removing ISDN number.

### **Last minute changes in KORRS**

With the increased load on MCU Scheduling due to the prefix change and other projects, they have requested that you try to give them 48 hours notice for changes to KORRS events. This will ensure they have plenty of time to provision resources to accommodate your changes. Things should slow down after the fall quarter, and the usual 24 hours notice will be adequate. Please notify them of changes by telephone at 888.934.5553, rather than via email.

### **Tech Tip**

This doesn't really have anything to do with video conferencing, but it certainly is cool! If you haven't seen it, have a look at Google Earth (<http://earth.google.com>). This is a really fun (and perhaps even useful!) tool, a 3d map of the entire Earth, utilizing satellite photos and powerful Google indexing information to put the world at your fingertips. You can put stick-pins on important locations, find satellite photos of the house you grew up in, and even get driving directions to Venezuela! It's certainly a lot better than the globe I had when I was a kid! Hmmm, perhaps it does relate to video conferencing...aren't we all about using technology to make the world a little bit smaller?