

Confirmation of Must Carry Agreement
with San Bruno Cable in San Mateo, California
in San Francisco-Oakland-San Jose DMA for KQSL
August 29, 2019

From: Jeff Madden
Sent: Thursday, August 29, 2019 11:18 AM
To: Sandeep Krishnamurthy; Keith Leitch
Subject: Re: Thanks for carrying KQSL!

Hello Keith, I'm Jeff Madden with SBCATV's Headend. I would like to place your channel at 373. Channels 300 to 398 are our local HD and SD channels. Channel 370 is SBN another religious broadcaster and you would be the next channel up. This way if we are able to offer you the bandwidth for an HD feed we would not have to change channel numbers for it.

What is the time line we have? I have been in contact with Wave's Headend. We would prefer to take their lead on the feed. Their thought is a public IP/Internet hand off at Sutro with a decoder producing an ASI hand off. The translator at Sutro would be a great option as well.

From: Keith Leitch
Sent: Tuesday, August 27, 2019 10:49 AM
To: Sandeep Krishnamurthy
Cc: Al Johnson
Subject: Thanks for carrying KQSL!

Hi Sandeep and Al,

Thank you very much for agreeing to carry KQSL. Let me know what the channel number KQSL will be on and how to connect with your system engineer.

Here are the ways that I thought of for how to get you a feed from KQSL

1) Simply receive KQSL's translator off the air that broadcasts from Mt. Tamalpais. The receive channel is RF channel 4, virtual 17.4.

2) Allow me to provide a internet receiver with SRT (Secure Reliable Transport) technology to provide you an ASI stream. Let me know if you have a static IP address to assign to the receiver or if you just want it configured as DHCP. The sending unit at my studio would be assigned to a static IP. Here is an article that tells about how reliable the newer SRT and RIST technologies are:

<https://openheadend.tv/how-rist-and-srt-will-change-the-face-of-broadcast/>

I have a pair of SRT send and receive units (D2Flex3000) from D2DTechnologies:
<http://www.d2dtechnologies.com/products/>

3) If necessary, I can provide a fiber ASE fiber connection to your building. This is how I feed Comcast in Ukiah. I also provide them an ethernet to ASI receiver to be able to give them an ASI handoff.

4) Also, we are working on constructing a large UHF translator on Sutro Tower, but that is still a few months away.

Best Regards,
Keith Leitch
President and Engineer, One Ministries, Inc.