

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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Federal Communications Commission
Office of the Secretary

2. KMCQ operates on Channel 277 at 103.3 MHz. Entercom operates K277AE co-channel to KMCQ on channel 277 at 103.3 MHz. "As the crow flies," the communities of Oak Harbor and Seattle are about 49 miles apart. In March of 2016, KMCQ completed construction and was granted a license on May 17, 2016. Almost immediately after signing on, KMCQ began receiving reports of reception problems from South Snohomish County into North King County. Reports from listeners turned into complaints from KMCQ listeners of interference to their reception of KMCQ coming from K277AE. Attached hereto as Exhibit "A" are 14 reports from regular KMCQ listeners who complain of K277AE interference at various locations.

THE INTERFERENCE COMPLAINTS

K277AE INTERFERENCE REMEDIATION OBLIGATION

3. Beginning in August 2016, Everett-Snohomish attempted to engage Entercom in a cooperative effort to work out a solution to the interference K277AE was causing to KMCQ's listeners including exchanges of communications with Matt Green, Director of Technical Services, Seattle, and John D. Kennedy, Corporate Director of Technical Operations for Entercom Communications Corp. In October 2016 Entercom filed a minor change application to directionalize K277AE (BPFT-20161020ABT) which was granted on November 4, 2016. Everett-Snohomish sent several messages to Entercom protesting that the proposed directionalized pattern was an inadequate remedy, including a detailed engineering study by the engineering firm Hatfield and Dawson providing a Longley-Rice study showing that the proposed change would not adequately address the interference. Additional attempts were made to engage Entercom before construction of the new antenna. Nevertheless, Entercom moved forward with the new antenna. As predicted, the directional signal failed to remedy the problem and K277AE continues to interfere with regular reception of KMCQ. Thereafter, Greg Smith, of Everett-Snohomish, sent a message to John Kennedy in which he had observed that the new license had been granted and that he had driven the new signal. Mr. Smith reported that there was still significant co-channel hash and some areas of K277AE "override" to KMCQ reception. In short, the interference situation had not been remedied.

4. On April 21, 2017, Entercom filed a new construction permit application for K277AE, the purpose of which was to propose a new primary station, KHTP (FM), which operates on channel 279. No change of frequency and only a slight change of pattern was proposed for K277AE, and significantly, no mention of a remedy to the actual interference caused to KMCQ.

ACTUAL INTERFERENCE

5. Attachment 17 to its April construction permit application shows that the predicted coverage contour of K277AE in the direction of KMCQ is barely changed at all. As stated in Exhibit 17, Entercom's allocation study shows that the proposed proximity to KMCQ between the predicted coverage and interfering contours is close enough to warrant further study. At Figure 3, Entercom attempted to demonstrate that no interference would occur. On May 16, the new application was granted. A comparison of the 2016 and 2017 construction permits, 20161020ABT and 20170421AAM, fails to reveal any significant difference in coverage as it relates to possible interference to the listeners of KMCQ.

6. As mentioned above, in November, 2016, a Longley Rice study was produced and provided to Entercom showing that the directional antennae then proposed by Entercom would not eliminate the interference from K277AE to KMCQ. The study demonstrated that neither a directional pattern nor power reduction would solve the problem. The Longley Rice study is attached as Exhibit "B". The interference study demonstrates that the only solution is to cease operation of K277AE on channel 277.

7. Another study by the engineering firm Hatfield and Dawson showed that interference free service would require a desired to undesired signal level with a 20dB D/U ratio. A copy of that study is attached as Exhibit "C". The purple area demonstrates the area where destructive interference was predicted to occur, and corresponds to the actual interference complaints received from KMCQ listeners.

8. On May 29, 2017, Doug Fisher of Comtek Service, Inc. Olympia, Washington, was engaged to drive the KMCQ signal. His report reveals that significant interference from K277AE to the reception of KMCQ continues to exist at locations previously identified by

KMCQ listeners. A copy of Doug Fisher's report is attached hereto as Attachment "1", together with audio files that document the interference he reports.¹

9. KMCQ has served the public from its presently authorized facilities since May of 2016. Since commencing operations, KMCQ listeners have complained about interference from K277AE. The complaints provided in Exhibit "A" reflect the same areas in which Doug Fisher reports continuing interference.

CONCLUSION

10. From the foregoing, it is inescapable that K277AE, with its current operation, and with its operation as proposed in its newest construction permit has and will continue to interfere with the established listening patterns of at least 14 KMCQ listeners to the regularly used signal of KMCQ in violation of Section 74.1203(a)(1) of the Commission's Rules and that there are no plans to address the interference K277AE produces to KMCQ listeners. KMCQ has been afforded ample opportunity, engineering studies and several construction permit applications to address this problem and no remedy has been forthcoming.

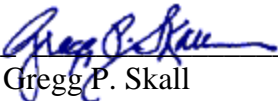
11. The Commission's rules regarding FM translators restrict FM translator stations to operations strictly on a secondary basis. Section 74.1203(a)(3) of the Commission's rules defines interference to a primary facility. Section 74.1203(b) provides that an FM translator station will not be permitted to continue to operate if it causes any actual radio signal interference to the direct reception by the public of the off-the-air signals of any authorized broadcast station including FM translator stations.

¹ The audio files may be accessed at: <https://spaces.hightail.com/space/Xt97GRERZR>

12. Accordingly, pursuant to Section 74.1203(b) of the Commission's rules, operation of K277AE must be suspended and not be resumed it can be shown that the interference has been and will be eliminated into the future.

Respectfully submitted,

EVERETT-SNOHOMISH BROADCASTING L.L.C.

By _____
Gregg P. Skall
Its Attorney

Womble Carlyle Sandridge & Rice, LLP
1200 19th Street, N.W. Suite 500
Washington, DC 20036
(202) 857-4455


June 19, 2017

CERTIFICATE OF SERVICE

I, Gregg P. Skall, an attorney at the law firm of Womble Carlyle Sandridge & Rice, LLP, do hereby certify that a true copy of the foregoing document titled "Interference Complaint" was sent this 19th day of June, 2017 by e-mail and U.S. Mail, postage prepaid, to the following

Carrie A. Ward, Esquire
Entercom Communications Corp.
401 East City Avenue
Suite 809
Bala Cynwyd, PA 19004
Email: cward@entercom.com

Andrew P. Sutor
Sr. Vice President and General Counsel
Entercom License, LLC
401 East City Avenue
Suite 809
Bala Cynwyd, PA 19004
Email: asutor@entercom.com



Gregg P. Skall, Counsel
Everett-Snohomish Broadcasting, LLC

K277AE Interference Complaint

Exhibit “A”

[Print](#)[Close](#)

Reception Problems

From: **Jacob Matthews** (jacdmattthews@gmail.com)

Sent: Mon 8/01/16 12:51 PM

To: thedj@countryq1033.com

Hello,

The online form isn't working for me on mobile - the "submit" button gets covered by the text boxes for the last two questions when I start filling them.

Anyway, here's my input on the reception problems:

Jacob Matthews

15041 26th Ave NE Shoreline, WA 98155

4252757273

[Jacdmattthews@gmail.com](mailto:jacdmattthews@gmail.com)

Last experienced interference on Friday July 29th

I was driving south-bound on I-5 as I got into Lynnwood, approx. milepost 184.

The interference was scratchy/noisy and another radio station on 103.3

Entercom Seattle's HOT 103.7 has been broadcasting on both 103.7 as well as 103.3 for many years now. I believe that was what is causing the interference for Country Q 103.3 in the South Snohomish/North King counties.

I commute from Shoreline to Marysville so I notice the interference every day.

Love your new station!

Hope this helps,

Jacob

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name ***Last Name *****Street Address *****Address Line 2****City *****State *****Zip Code *****Phone Number *****Email Address ***

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☒ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Hot 103.7

Please share any additional comments

For a couple of years I have noticed that Entercom Seattle's HOT 103.7 broadcasts on both 103.7 FM as well as 103.3 FM.

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Erik

Last Name *

Johnson

Street Address *

1244 Moore rd, bldg J, Suite 1

Address Line 2**City ***

Camano Island

State *

Washington

**Zip Code ***

98282

Phone Number *

4253087423

Email Address *

compasspointcomposites@gmail.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

On Friday in my shop. Location above.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

1244 Moore rd, bldg J, Suite 1

Was this location (please check all that apply)

- ☐ At Home
- ☒ At Work
- ☐ While Driving
- ☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☐ Scratchy or Noisy
- ☒ Another Radio Station at 103.3 FM
- ☐ Other, please describe

Bumped off by 103.7

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

103.7

Please share any additional comments

CLOSE

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Jon

Last Name *

Dofelmier

Street Address *

28513 68thdr ne

Address Line 2**City ***

Arlington

State *

Washington

Zip Code *

98223

Phone Number *

425 422 5949

Email Address *

sunrisefarrier@yahoo.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

August 1 2016. 12:00pm

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Mcdonald parking lot in mukliteo

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

Like the music!!

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Delaree

Last Name *

Helseth

Street Address *

7555 Cultus Bay Rd

Address Line 2

City *

Clinton

State *

Washington



Zip Code *

98236

Phone Number *

425 508 4323

Email Address *

delaree@whidbey.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

8/1/16 @ 8:00am listening to station at work @ 1802 75TH ST SW Everett, WA 98203 station comes in with lots of static then in afternoon clears up.

7/31/16 8:00pm tried to tune in radio at home but station would not come in. My home address is 7555 Cultus Bay Rd. Clinton, WA. 98236

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☒ At Home
- ☒ At Work
- ☐ While Driving
- ☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
- ☒ Another Radio Station at 103.3 FM
- ☐ Other, please describe Scratchy at work & other station at

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Didn't leave station on long enough to pickup up call letters or station

Please share any additional comments

Really enjoy this station and hope the FCC clears up the problem to allow signal free listening.

CLOSE

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name ***Last Name *****Street Address *****Address Line 2****City *****State *****Zip Code *****Phone Number *****Email Address ***

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☐ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☒ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Gerl

Last Name *

Braulik

Street Address *

po box 1346

Address Line 2

City *

oak harbor

State *

Washington



Zip Code *

98277

Phone Number *

3606788495

Email Address *

justjeepcherokee@yahoo.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

7/27/2016 and before

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Whidbey Island Naval Air Station

Was this location (please check all that apply)

- ☐ At Home
- ☒ At Work
- ☐ While Driving
- ☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☐ Scratchy or Noisy
- ☒ Another Radio Station at 103.3 FM
- ☒ Other, please describe your signal fades in and out. Bleeds

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Both stations on both sides of 103.3 Bleed in. I turn yours on and pretty soon I am listening to a different station with out even touching the Dial..

Please share any additional comments

If I turn off the radio and then turn back on It is on a different station next to yours. I have to move the dial to get yours back ..

CLOSE

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Tiffany

Last Name *

Bower

Street Address *

18810 107th Ave NE

Address Line 2**City ***

Arlington

State *

Washington

Zip Code *

98223

Phone Number *

425-359-5757

Email Address *

in2cruzin@gmail.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Right now 10:05 it's a little staticky but your the only station that comes in. Thank you my teen girls love it

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Driving down i5 south we lose ya about 164th . But that's ok I get ya at home

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

Thank you love the music outside . Was getting tired of CDs

KMCQ-FM Oak Harbor Signal Interference telephone Complaint Form:

Hi - I'm the DJ at County Q 1033

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, I'm going to ask you to provide me with some information to complete an information form for the FCC.

This form consists of four questions

By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3.

None of this information will be used for any other purpose than to provide the FCC with information concerning this signal interference.

CONTACT INFORMATION*

NAME: Jim McAdams

STREET ADDRESS: 2209 Adams Ave.

CITY: EVERETT, WA

ZIP CODE: 98203

EMAIL ADDRESS: (NONE)

TELEPHONE NUMBER: 425-219-7315

Please list the most recent date that you experienced the KMCQ signal interruption

07/27/16 9 A.M.

mm/dd/yyyy (if you do not recall the exact date, an approximation will be ok)

Where were you when you experienced the interference? KENMORE, WA
JUANITA

Highway/Road? ROAD Nearest cross street? all along this ROAD in KENMORE Mile marker?

Other location identifying description? _____

At Home? Address same as above or different? No Problem at Home Address

At Work? Address DRIVING thru EVERETT - EVERGREENWAY - I-5

At another place? Address or Name LAKE STEVENS - ALONG HWY 9 NORTH
LOSES SIGNAL IN GRANITE FALLS

Interference description

Scratchy Noise? Y X N

A different radio station on the same frequency, 103.3? X Y N

If it was a different radio station, can you describe the music they were playing? HE CAN'T TELL EXACTLY WHICH STATION -

POP FORMAT - FROM P. DIDDY to MADONNA - NOT COUNTRY Did you hear an announcer or commercial? Describe what

You heard NOT SO MUCH "SCRATCHY," MORE LIKE SOMEONE TURNS TUNER TO 103.1 to 103.5 - WHICH CAUSES KMCQ to NOT SOUND COMPLETELY "DIALED-IN." - VERY ANNOYING

Additional Comments:

OTHER STATIONS DON'T HAVE THIS INTERFERENCE. HE LISTENS to "THE WOLF" OCCASIONALLY.

- Your contact information will be used for no other purpose by Country Q 103.3 than to submit this form to the FCC.

Thanks for your help with this issue and we hope you continue to enjoy our new radio station.

The DJ at Country Q 1033

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name ***Last Name *****Street Address *****Address Line 2****City *****State *****Zip Code *****Phone Number *****Email Address ***

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☐ Scratchy or Noisy
☒ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

It is always playing some hip hop/rap.

Please share any additional comments

Ever since I discovered the radio station I've been tuning in because it's all the country songs I love! Some of the other country stations play just the new songs on repeat and have tons of commercials, but Country Q is awesome! I found out that you are located pretty far from the Seattle area so that might be a big reason why the music is cutting out. Hopefully you can expand to the Seattle area soon. Also, do you have any online streaming yet? I'd love to listen from my phone or computer while at work.

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Carol

Last Name *

Frizzell

Street Address *

3704 199th ST SE

Address Line 2**City ***

Bothell

State *

Washington

Zip Code *

98012

Phone Number *

425-483-9140

Email Address *

c.frizzell51@yahoo.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

July 17, 2016

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

240th and 45th Ave SE in Bothell

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

Also at my home, no interference nut the volume (power?) is low. I turn it up considerably, then it's ok.

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, please complete this form and click the "submit" button. By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3

First Name *

Carol

Last Name *

Frizzell

Street Address *

3704 199th ST SE

Address Line 2**City ***

Bothell

State *

Washington

Zip Code *

98012

Phone Number *

425-483-9140

Email Address *

c.frizzell51@yahoo.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

July 17, 2016

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

240th and 45th Ave SE in Bothell

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

Also at my home, no interference nut the volume (power?) is low. I turn it up considerably, then it's ok.

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Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

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First Name *

amy

Last Name *

noble

Street Address *

2019 monroe ave

Address Line 2

City *

Everett

State *

Washington

Zip Code *

98203

Phone Number *

4252903769

Email Address *

anoble812@gmail.com

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Dates I have noticed 7/19 & 7/20

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Driving south on I5 between 128th st in Everett and 220th st in MT LK Terrace

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☒ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

Please share any additional comments

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First Name ***Last Name *****Street Address *****Address Line 2****City *****State *****Zip Code *****Phone Number *****Email Address ***

Please list the most recent date that you experienced the KMCQ signal interruption. If you do not recall the exact date, an approximation will be ok.

Where were you when you experienced the interference? Please list the highway or road, mile marker, nearest cross street, or any other location identifying description.

Was this location (please check all that apply)

- ☐ At Home
☐ At Work
☒ While Driving
☐ Other

Please describe the type of interference you heard. (Please check all that apply)

- ☐ Scratchy or Noisy
☐ Another Radio Station at 103.3 FM
☐ Other, please describe

If it was another radio station, do you know the name of the radio station, or can you describe the music they were playing, a DJ name, etc.

NO station but other stations coming in clearly

Please share any additional comments

Great station would like to work for you due to me living in Oak Harbor

KMCQ-FM Oak Harbor Signal Interference telephone Complaint Form:

Hi – I'm the DJ at County Q 1033

Since we signed on a few weeks ago, we have had reports of reception problems for our station from South Snohomish County into Northern King County. We believe, with your help, we can do something about that. If you are experiencing interference in this area, I'm going to ask you to provide me with some information to complete an information form for the FCC.

This form consists of four questions

By completing this form and returning it to Country Q 103.3, you understand that this information may be submitted to the Federal Communications Commission as proof that you listen to Country Q 103.3.

None of this information will be used for any other purpose than to provide the FCC with information concerning this signal interference.

CONTACT INFORMATION*

NAME: DOUG BARTOLOVIC

STREET ADDRESS: 1814 39TH STREET

CITY: ANACORTES, WA

ZIP CODE: 98221-3379

EMAIL ADDRESS: DBARTOLOVIC@LIVE.COM

TELEPHONE NUMBER: (360) 708-7552

Please list the most recent date that you experienced the KMCQ signal interruption

05/26/16

mm/dd/yyyy (if you do not recall the exact date, an approximation will be ok)

Where were you when you experienced the interference? WORST IS
GOING THRU MT. LAKE TERRACE

Highway/Road? I-5 Nearest cross street? ANA RAMONAS Mile marker?

Other location identifying description? _____

At Home? Address same as above or different? SAME - BAD INTERFERENCE
AT END OF HIS STREET-GETS
SCRATCHY.

At Work? Address WORKS SECURITY AT SEVERAL LOCATIONS

At another place? Address or Name _____

Interference description

Scratchy Noise? X Y _____ N

A different radio station on the same frequency, 103.3? X Y _____ N

If it was a different radio station, can you describe the music they were playing?

HOT 103.7 COMES THRU. Did you hear an announcer or commercial? Describe what

You heard OLD SCHOOL MUSIC FORMAT -

Additional Comments:

ON-LINE STREAMING WOULD BE A GOOD IDEA, ESPECIALLY
INSIDE BUILDINGS.

- Your contact information will be used for no other purpose by Country Q 103.3 than to submit this form to the FCC.

Thanks for your help with this issue and we hope you continue to enjoy our new radio station.

The DJ at Country Q 1033

[Print](#)[Close](#)

Signal report

From: **Douglas Bartolovic** (dbartolovic@live.com)
Sent: Thu 7/21/16 3:18 PM
To: Thedj@countryq1033.com (Thedj@countryq1033.com)

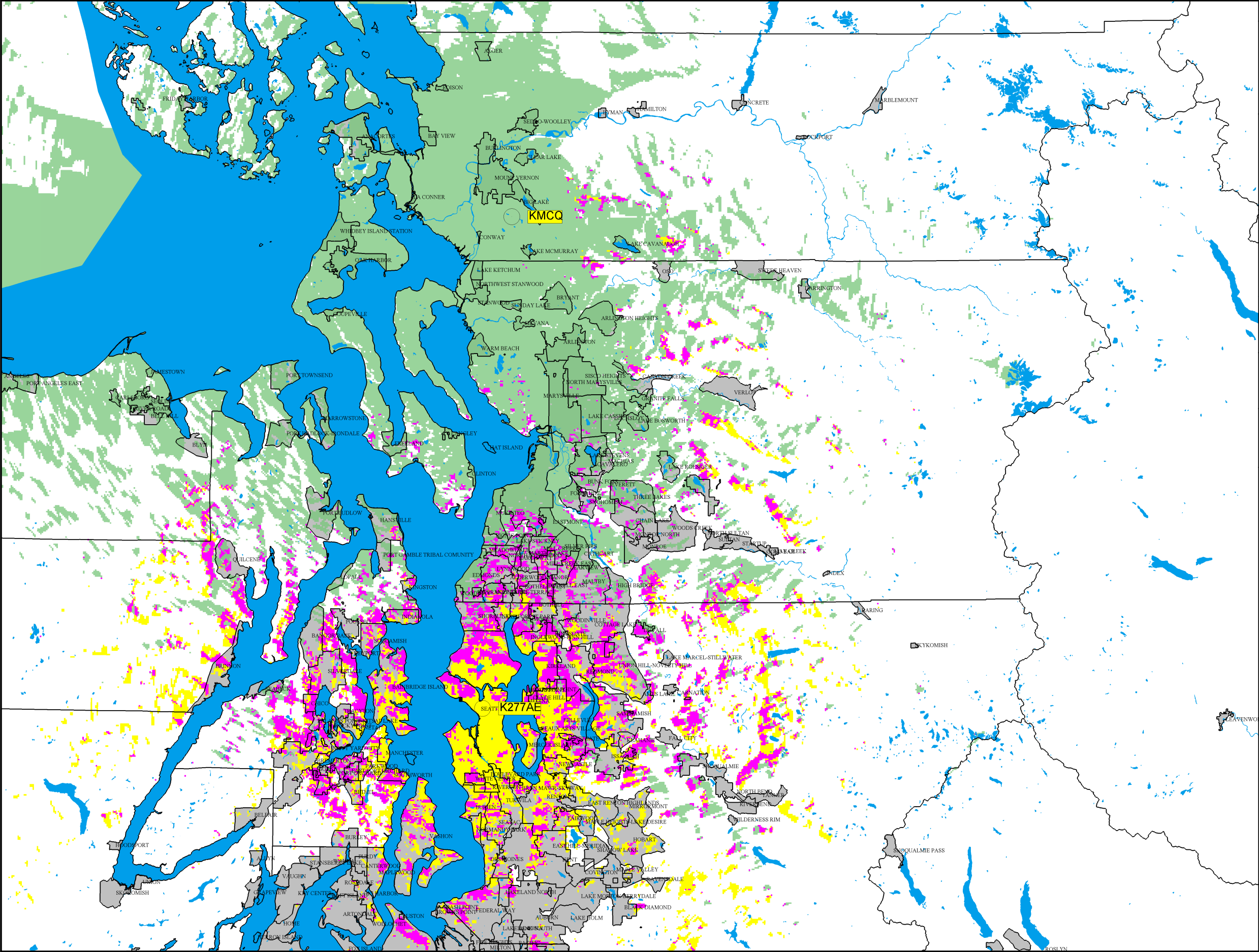
I was in Redmond at Trilogy yesterday and your signal makes it down there clear at the higher elevations. I have noticed when I close to the Seattle area hot 103.7 FM translator interferes mainly in the Edmonds and Lynnwood area . To the North I can get the Station in spotty areas in Ferndale near the water . The sound quality is awesome . I have also notice in Anacortes that the signal is also spotty probably due to Mt. Erie being in the way. Not sure if you are going to stream , if you are planning to you might want to stream on the Tune- in App in which is a great idea .

K277AE Interference Complaint

Exhibit “B”

K277AE Interference Complaint

Exhibit “C”



SIGNAL™: KMCQ and K277AE

Prop. model 1: Longley-Rice v1.2.2
Time: 50.0% Loc.: 50.0%
Prediction Confidence Margin: 0.0dB
Climate: Continental Temperate
Land use (clutter): none
Atmospheric Abs.: none
K Factor: 1.333

Sites

Site: K277AE
N47°36'59.00" W122°19'45.00" 50.0 m
K277AE Tx.Ht.AGL: 74.0 m Total ERPd: -6.02 dBkW
Model: 1 Use file-horizontal/0.0° 103.3000 MHz

Site: KMCQ
N48°21'55.00" W122°16'03.00" 526.0 m
KMCQ Tx.Ht.AGL: 37.0 m Total ERPd: 1.46 dBkW
Model: 1 Use file-horizontal/0.0° 103.3000 MHz

C/I ratio Primary Group TXs to Second Group TXs

>= 20.0 dB

< 20.0 dB

Display threshold level: -65.3 dBmW
RX Antenna - Type: ISOTROPIC
Height: 2.0 m AGL Gain: 0.00 dBd

KILOMETERS

-5

0

20

KMCQ and K277AE D/U Study

Hatfield & Dawson

Exhibit

Jun 2016

K277AE Interference Complaint
Attachment “1”

ComTek Service

Interference tests and recordings for KMCQ May 1, 2017.
We listened to the radio on 103.3 on the way north to the Alderwood Mall location.

Driving north on I5:
Exit 162- listened to Entercom station headed North from exit 162 to 171
Exit 171-Interference started(lots of noise)
Exit 173- You could hear both KMCQ and K277AE Entercom
Exit 177- KMCQ sounded clear most of the time North of Exit 177

RF tests at the Alderwood Mall @1:55pm
3000 184th St SW, Lynnwood, WA 98037
Took readings at same location as July 29, 2016. Last July there was interference that was not present on May 1, 2017 to the KMCQ signal. With transmitter ON/OFF tests there was no noticed audio from K277AE as was noted from last July.

RF test at Kruger Clinic @2:50pm
21600 WA-99, Edmonds, WA 98026
We took Hwy 99 south towards Seattle for the remaining of the test locations. Here the receive signal was low but we had the same results as at the Alderwood Mall. We did not find any audio from K277AE with our transmitter On and Off tests.

RF test and audio recording at Mann's Welding @ 3:10pm
16535 Aurora Ave N, Shoreline, WA 98133
Audio file name- MANN'S. There is static while listening to KMCQ. At this location the recording starts with all stations on for 30 seconds. The last 30 seconds is with KMCQ OFF. Here we begin to hear audio from K277AE. From this location South the signal from K277AE is heard in all future recordings.

RF test and audio recording at Burger King parking lot @ 3:33
13241 Aurora Ave N, Seattle, WA 98133
Audio file name- Burger King. There was static to KMCQ. The first 15 seconds of the recording is with all stations on. The last 30 seconds is with KMCQ OFF. The only audio heard was from K277AE. Leaving this location you could hear both stations or picket fencing while driving past Car toys south on HWY 99.

RF test and audio recording at 12815 Aurora Ave N, Seattle, WA 98133
Recording- Audio file Name-Shell gas station to I-5.
You have interference from K277AE and can hear both stations at North Gateway and 99. While driving on Northgate way from Hwy 99 to I5 South we did a recording where you can hear both K277AE and KMCQ from the shell gas at 1935 N Northgate Way, Seattle, WA 98133 all the way onto I5. Here you hear the radio switching back and forth between KMCQ and K277AE.

It appears the interference has moved south from last July but still exists. I have attached a Zip folder with the audio files.



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Olympia, WA 98508

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WEB SITE www.comtekservice.com