Mr. Martinez,

The application for an emergency STA filed by US New Era Internet, Corp. on April 6, 2020 is granted via this email. The applicant will be using the 5850-5895 MHz band to provide relief during the state-of-emergency caused by the spread of COVID-19 throughout the United States. Applicant is advised that it must ensure proper protection of incumbents in the 5850-5895 MHz band and otherwise comply with the conditions described below.

This grant is for a period of 60 days, provided the applicant files a complete FCC Form 601 application for an STA to continue its operations in the 5850-5895 MHz band within 10 days of today’s date (April 14, 2020). If applicant fails to file a complete FCC Form 601 application by this date, its STA will terminate at midnight on that date. Applicant's use of the 5850-5895 MHz band is authorized on a non-interference basis and is limited by the conditions described below.

By utilizing the 5850-5895 MHz band pursuant to this STA, the applicant agrees to the following conditions:

- It understands that operations under this STA are subject to the general conditions of operation set forth in Section 15.5 of the Commission's rules (including that its access is non-exclusive and not subject to interference protection). STA recipients with overlapping grants must work together to resolve interference concerns.
- It is responsible for ensuring that it does not cause interference to existing licensees. It must review existing DSRC licenses in this band to determine any nationwide, statewide, or countywide licenses that cover or are adjacent to its service area, as well as any site licenses that are near that service area. It must then contact each of these affected licensees before beginning operation and provide its contact information so that the licensee can inform it of interference issues. It may then begin operation; it need not await a response or approval. If a complaint of interference cannot be timely resolved, operation under this STA must cease. It may not operate within 2 kilometers of any site license, regardless of notification or actual interference.
- It will operate consistent with the power levels in Section 15.407(a)(3) of the Commission's rules.
- It will attenuate emissions at 5895 MHz to a level of -27dBm or less.
- It understands that any emergency STA grant is conditioned on the applicant filing a formal STA application on FCC Form 601 (Radio Service Code QQ) within 10 days of emergency STA grant. As part of that filing, it must provide a phone number which connects directly to a person who is able to immediately resolve any interference concerns arising from its operations pursuant to this STA.
- Upon expiration of this STA, it will cease operating in the 5850-5895 MHz band and retune equipment to operate in compliance with the Commission's equipment certifications; it will confirm with the
Bureau within 14 days of expiration that it has successfully retuned all of its devices to be compliant with Commission certifications.

- It understands that operations under this STA shall protect federal radiolocation services operating in the 5850-5895 MHz band and, to afford such protection, operations under this STA are prohibited within 75 kilometers of the locations listed in the table below and any additional sites specified by the Commission after initial grant.
- It understands that any structure utilized to operate pursuant to this STA must comply with the height limitations specified in Section 17.7 of the Commission’s rules or must be registered with the FAA.

The following are federal radiolocation services locations. Operations under this STA are not permitted within 75 kilometers of these locations:

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Keith D. Harper
Associate Chief, Mobility Division
Wireless Telecommunications Bureau
Federal Communications Commission
April 3, 2020

Donald Stockdale, Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554
Re: Request for Emergency Special Temporary Authority

Dear Mr. Stockdale:

We, US NEW ERA INTERNET CORP, request Special Temporary Authority (“STA”) to deploy and operate in the 5850-5895 MHz portion of the U-NII-4 band on an unlicensed basis in Homestead, Florida, USA. Grant of an STA will help us to meet the surge in consumer demand for residential fixed broadband services during the coronavirus pandemic.

We provide fixed wireless broadband service in rural areas. They rely primarily on unlicensed spectrum for last-mile connections to end users, including the 5 GHz UNII bands. Many of our customers have no other alternative to terrestrial broadband services.

As the coronavirus has spread, federal and local governments have taken increasingly stronger steps to encourage “social distancing.” These actions and warnings have resulted in more and more Americans working and learning from their homes, circumstances that are likely to continue for at least several weeks. Over the past few days, the we have seen a significant increase in bandwidth usage as more and more schools close and consumers practice “social distancing.”

We have many complains by low internet speed from our customers since pandemic problem, here are some examples:

Felix Puga, he has many karate places, now is sending videos to his students.
Silvia Gomez Silva, Works for Miami Dade county office, now is in home.
Dazhe Padron, She is school teacher and now is giving classes online to young students.
Jose Davila Jr. He works in police and 911 and need to review reports by internet.

To meet this increase in demand and to ensure that students, consumers, farms and business can stay connected with adequate broadband, we require access to additional spectrum. we currently use the U-NII bands to deliver fixed broadband service. The U-NII-4 band (5850-5925 MHz) is shared with the Dedicated Short-Range Communications (“DSRC”) service (Radio Codes IQ and QQ) and certain federal users.

US NEW ERA INTERNET CORP, believe that emergency use of the 45 megahertz in the 5850-5895 MHz band will be the best solution for helping to meet demand. First, other unlicensed bands, such as UNII-1 and U-NII-3, are too congested to meet the existing and expected surge in bandwidth demand, including the needs of first responders. Second, US NEW ERA INTERNET CORP, have access to FCC certified 5 GHz equipment that can be easily and quickly re-tuned via a software update to operate in the 5850-5895 MHz band.
Third, this re-tuned equipment will not require installations to customer locations in order for access to be enabled, thereby mitigating the health risks to consumers and installers that would be caused by close human contact in the home.

US NEW ERA INTERNET CORP, agrees to the following conditions:

• we will apply individually for STA on FCC Form 601 (Radio Code QQ) within 10 days from grant of this STA request.
• we understands that operations under STA are secondary and do not afford interference protection.
• we will notify the DSRC licensees in their state that they are operating in the 5850-5895 MHz band under STA, and will provide their contact information.
• we will comply with the interference protection provisions of Section 90.371(b) of the FCC’s Rules, a copy of which is provided in Attachment 2.
• we will operate consistent with the power levels in Section 15.407(a)(3) of the FCC’s Rules.
• we will attenuate emissions at 5895 MHz to -27 dBm or less.
• Upon expiration of the STA, it will cease operating in the 5850-5895 MHz band.

For any renewal of the STA, it understands that it will need to request STA on FCC Form 601 (Radio Code QQ).

Thank you for your consideration of this request. All our information is in attachment(1). Please contact the undersigned by phone at (786) 786-1510 or (786) 804-0858, or by email at support@usnewerainternet.com, if there are any questions concerning this matter.

Respectfully submitted,

Every Martinez
CEO. US NEW ERA INTERNET CORP.

cc: Charles Mathias
    Roger Noel
    Jonathan Markman
    Ira Keltz
    Sean Spivey
    Keith Harper

Attachment 1

US NEW ERA INTERNET CORP

Business address:

1641 Northwest 11th Avenue
Homestead, FL, USA
ZIP 33030
support@usnewerainternet.com  +1(786) 786-1510
www.usnewerainternet.com

Transmit antenna location:

17107 SW 248th St,
Homestead FL, USA
ZIP 33031
25°32'23.8"N 80°28'06.2"W

Operating countries:

United States of America.

Operating Counties:

Miami-Dade county, FL.