Mr. Wright,

The application for an emergency STA filed by Sound Internet Services, Inc. (d/b/a “PogoZone”) 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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<thead>
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<th>State</th>
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<th>Longitude</th>
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Keith D. Harper  
Associate Chief, Mobility Division  
Wireless Telecommunications Bureau  
Federal Communications Commission
April 6, 2020

Donald Stockdale  
Wireless Telecommunications Bureau  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

Re: Request for Emergency Special Temporary Authority

Dear Mr. Stockdale:

Sound Internet Services, Inc. (d/b/a “PogoZone”) hereby request emergency Special Temporary Authority (“STA”) for a period of 60 days to allow it to deploy and operate in Whatcom and Skagit Counties in Washington State in the 5850-5895 MHz portion (“5.9 GHz Band”) of the U-NII-4 band on an unlicensed basis. PogoZone requests temporary authority to operate in the 5.9 GHz band at the following locations:

<table>
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<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
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PogoZone has provided Internet service to businesses and residents in Whatcom and Skagit Counties since 2002. The company provides fixed wireless broadband service and relies heavily on unlicensed spectrum for last-mile connections to end users, including in other portions of the 5 GHz UNII bands. In many cases, PogoZone’s customers have few or no alternatives to terrestrial broadband services.

On April 2, 2020, the State of Washington extended its Stay Home, Stay Healthy Executive Order for four additional weeks. This Order extends until at least May 4, 2020 the number of residents in Whatcom and Skagit Counties that are working and learning from their homes. The Order was originally issued in the middle of March. In the last few weeks since the Order was put in place, PogoZone has seen a significant increase in bandwidth usage as more schools close, customers telework, and consumers practice “social distancing.”

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Like other Wireless Internet Service Providers ("WISP"), PogoZone has received a surge in consumer demand for its fixed broadband services in light of the COVID-19 pandemic. Grant of an STA in this instance will help the company meet this demand. It also is consistent with similar action the Commission has taken to make 5.9 GHz spectrum resources available to other WISPs under an STA to respond to this unprecedented demand.²

To meet this increase in demand and to ensure that students, consumers, farms and businesses can stay connected with adequate broadband, PogoZone requires access to additional spectrum. It currently uses other the 5 GHz U-NII bands to deliver fixed broadband service. The 5.9 GHz Band is shared with the Dedicated Short-Range Communications ("DSRC") service (Radio Codes IQ and QQ) and certain federal users. However, PogoZone believes that emergency access to this valuable 45 MHz of spectrum in the 5.9 GHz Band is consistent with what the Commission has done for other WISPs and will be the best solution for helping meet consumer demand.

Other unlicensed bands, such as UNII-1 and U-NII-3, are generally too congested to reliably meet the existing and continued surge in bandwidth demand, including the needs of first responders. It also will promote prompt deployment. PogoZone has FCC-certified 5 GHz equipment on-hand that can be easily and quickly installed and/or re-tuned to operate in the 5.9 GHz Band. Finally, this equipment is compatible with existing deployments and 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.

Like the other WISPs that have received temporary access to the 5.9 GHz Band, PogoZone agrees to the following conditions:

- It will submit an FCC Form 601 application (Radio Code QQ) within 10 days from grant of this STA request.
- It understands that operations under STA are secondary and do not afford interference protection.³
- It will comply with the interference protection provisions of Section 90.371(b) of the FCC’s Rules.
- It will operate consistent with the power levels in Section 15.407(a)(3) of the FCC’s Rules.
- It 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).

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³ 47 C.F.R. §1.931.
PogoZone respectfully requests that the Commission provide relief so the company can provide its customers and communities the same benefit “to make it easier for Americans to participate in telehealth, distance learning, and telework, and simply remain connected while practicing recommended ‘social distancing.’”

Thank you for your time and consideration.

Sincerely,

Wesley K. Wright
Partner

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

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