

***COMPREHENSIVE TECHNICAL EXHIBIT  
REQUEST FOR SPECIAL TEMPORARY AUTHORITY***

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**WMNE-LD – PORTLAND, MAINE  
FACILITY ID: 47717**

**DIGITAL NETWORKS – NORTHEAST, LLC**

**AUGUST 2020**

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JEREMY RUCK & ASSOCIATES, INC.

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**8.14.2020**

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## **REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

The following engineering statement has been prepared for **Digital Networks-Northeast, LLC** (“Northeast”), licensee of low power television station WMNE-LP at Portland, Maine, and permittee of digital low power television station WMNE-LD also at Portland, Maine, and is in support of their request for special temporary authority.<sup>1</sup> WMNE-LP is licensed to operate on television channel 32 with a maximum effective radiated power of 25 kW at a center of radiation of 250 metres above mean sea level utilizing a directional antenna. Northeast has an outstanding construction permit under LMS File No. 0000063724, which authorizes digital operations on channel 32 with a maximum effective radiated power of 15 kW at a center of radiation of 314.5 meters above mean sea level. A directional antenna is also authorized for the digital facility.

The proposed special temporary authority proposes operation with the parameters authorized for the digital facility, but with the maximum effective radiated power reduced to 2.0 kW. Due to the current conditions in the post-repack environment, including the impact on labor and supply chains that the COVID-19 pandemic has caused, Northeast will be unable to complete the installation of the transmitter in time to preserve the current construction permit. Northeast therefore respectfully requests operation at the authorized parameters, but with a reduced maximum effective radiated power for up to 180 days to complete the necessary construction of the facility at full authorized technical parameters.

The proposed technical parameters represent a reduction in the maximum effective radiated power, while maintaining all other parameters identical to those authorized under the current

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<sup>1</sup> The Facility ID for WMNE-LD at Portland, Maine is 47717.

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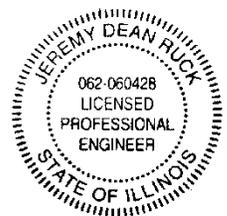
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construction permit. As a result, the STA technical parameters would not result in any predicted increase in the level of interference caused to other proposed and authorized facilities. Additionally, due to the reduced maximum effective radiated power, the specified parameters would represent a reduction in the power density at ground level relative to the authorized parameters. Thus, the proposed special temporary authority would not constitute a significant environmental impact, and is exempt from environmental processing.

Northeast certifies that it will coordinate with all other users of the site to ensure that workers and other persons are not exposed to levels of radiofrequency radiation in excess of the applicable safety standards. Coordination activities will include, but are not necessarily limited to, a reduction in transmitter power output or cessation of operation as necessary to protect persons at the site.

The preceding statement has been prepared by me, or under my direction, and is true and accurate to the best of my belief and knowledge.



Above signature is digitized copy of actual signature  
License Expires November 30, 2021

Jeremy D. Ruck, PE  
August 14, 2020

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