


DECLARATION

I declare under penalty of perjury that the following facts are true and correct to the best of my knowledge, information, and belief:

1. I am employed as Senior Director, Consumer Service Management, North America at Hughes Network Systems, LLC ("Hughes") and, in such capacity, am responsible for implementing business and technical requirements, and verifying service delivery and performance of the HughesNet satellite broadband service.
2. I have reviewed the technical information submitted in the foregoing *Ex Parte* submission of Hughes, responding to the Institute for Local Self-Reliance ("*Ex Parte* Submission"), and am technically qualified to review and assess the accuracy of such information.
3. As noted in the *Ex Parte* Submission, interactive, cloud-based, smart devices such as the Amazon Echo and Google Home, have been tested on the HughesNet satellite broadband service and perform to their standard characteristics.

Executed on January 10, 2018:

/s/ 
Patrick Fisher