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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Ms. Magalie Roman Salas, Secretary
Federal Communications Commission
The Portals - 445 12th Street, S.W.
TW-A325
Washington, DC 20554

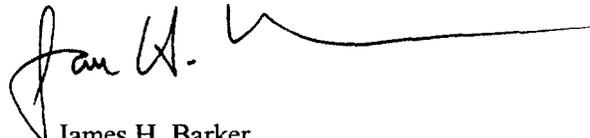
Re: *ET Docket No. 98-206; DA 99-494; Diversified Communication Engineering, Inc., File Nos. 6001-EX-MR-1998, 0094-EX-ST-1999; Call Sign WA2XMY; EX PARTE*

Dear Ms. Salas:

This is to advise you that on Friday, February 18, 2000, Paul Anderson of DIRECTV, Inc. sent the attached E-mail to Dale Hatfield, Chief of the Commission's Office of Engineering and Technology, which responds to a question raised by Mr. Hatfield during a prior visit.

Please contact the undersigned with any questions.

Very truly yours,



James H. Barker
of LATHAM & WATKINS

Counsel for DIRECTV, Inc.

Barker, Jim (DC)

From: Anderson, Paul R [PRAnderson@directv.com]
Sent: Friday, February 18, 2000 1:14 PM
To: 'dhatfiel@fcc.gov'
Cc: Spiegel, Merrill S; 'Barker, Jim'
Subject: Reference for the NSMA OH Loss Propagation Model

Dear Mr. Hatfield:

At our meeting with you regarding Northpoint on Friday, January 28, you asked for more information on the NSMA Over the Horizon (OH) loss propagation model. This model was used to generate some of the material in the DIRECTV presentation. The NSMA model is almost identical to another model that you may be familiar with, the Longley-Rice model. Both models were derived from Technical Note 101 that was published in 1967 by the US Department of Commerce National Bureau of Standards. The authors of Technical Note 101 are P. L. Rice, A. G. Longley, et. al.

NSMA (the National Spectrum Managers Association) took the Longley-Rice model and made a slight change to it to handle some special situations in microwave transmission. Everything else was kept the same. Individuals on the OET staff who are familiar with NSMA model include Don Campbell and Nam Pham.

More information can be obtained at the NSMA web site, www.nsma.org.

Please let me know if you have any further questions.

Paul Anderson
DIRECTV