

November 19, 2019

National Cable Television Cooperative, Inc.  
11200 Corporate Avenue  
Lenexa, Kansas 66219

Attention: NCTC Corporate

Dear Affiliate,

We are writing to provide you with notice that the Viacom programming services currently on the Arris DCII platform, as listed on the attached Exhibit, are being transitioned to the Synamedia (fka Cisco) PowerVu platform. As a result of this change the listed services (each to the extent you are currently authorized to receive and distribute such services) will need to be acquired from a different satellite and or transponder and the indicated SD services will need to be sourced from an HD down-convert.

Your existing Arris (fka Motorola) satellite receivers are not compatible for receiving the listed services from the Synamedia platform. Therefore, Viacom will shortly be making available via the Signal section of [viacomaffiliate.com](http://viacomaffiliate.com), a PowerVu Migration page to facilitate the provision of the necessary equipment to continue to receive the applicable services from the PowerVu platform. Once this page is live, Viacom will be communicating via email to applicable engineering contacts, soliciting them to complete a survey for each downlink site currently receiving programming services directly from the Viacom Arris DCII platform.

Due to the scale of this change, the migration to Synamedia PowerVu is being rolled out in a phased approach and we are asking you to complete it by July 31, 2020. The listed services are already available on the PowerVu platform and you may begin the transition at your earliest convenience but please complete it no later than July 31, 2020.

Full technical specifications along with any other updates regarding this transition, will be posted on [www.viacomaffiliate.com](http://www.viacomaffiliate.com).

Should you have technical questions about this transition please email [signalauthorization@viacom.com](mailto:signalauthorization@viacom.com) or contact Viacom Affiliate Services at (631) 435-4961. As always if you have any other questions, please feel free to contact your Viacom Distribution & Business Development representative.

Sincerely,



Rick Baker  
Senior Vice President, Deputy General Counsel  
Distribution & Business Development, Business & Legal Affairs

Cc: EVP, Programming and General Counsel

**Exhibit A**  
**Viacom Arris DCII Services transitioning to Synamedia PowerVu**

<b>Service Name</b>	<b>Feed</b>	<b>Arris Location</b>	<b>Synamedia Location</b>	<b>HD Down-convert</b>
BET	East	G 14 T20	SES 1 T19	YES
BET	West	G 14 T20	SES 1 T19	YES
BET	HD East	G 14 T20	SES 1 T19	n/a
BET	HD West	G 14 T20	SES 1 T19	n/a
BET Gospel	East	G 14 T20	SES 1 T19	NO
BET Hip-Hop	East	G 14 T20	SES 1 T19	NO
BET Her	East	G 14 T20	SES 1 T11	YES
BET Jams	East	AMC 11 T15	SES 1 T19	NO
BET Soul	East	AMC 11 T15	SES 1 T19	NO
CMT Music	East	AMC 11 T15	SES 1 T19	NO
Logo	East	AMC 11 T15	SES 11 T20	YES
MTV Classic	East	AMC 11 T15	SES 1 T19	NO
MTV2	East	AMC 11 T15	SES 1 T11	YES
Nick Jr	East	AMC 11 T15	SES 1 T11	YES
Nick2	East	AMC 11 T15	SES 1 T20	YES
NickMusic	East	AMC 11 T15	SES 1 T19	NO
Nicktoons	East	AMC 11 T15	SES 1 T11	YES
TeenNick	East	AMC 11 T15	SES 1 T11	YES
Tr3s	East	AMC 11 T15	SES 1 T19	NO
CMT	East	AMC 11 T18	SES 1 T20	YES
CMT	West	AMC 11 T18	SES 11 T20	YES
Comedy Central	East	AMC 11 T18	SES 11 T20	YES
Comedy Central	West	AMC 11 T18	SES 1 T20	YES
MTV	East	AMC 11 T18	SES 1 T20	YES
MTV	West	AMC 11 T18	SES 11 T20	YES
Nickelodeon/Nick at Nite	East	AMC 11 T18	SES 11 T20	YES
Nickelodeon/Nick at Nite	West	AMC 11 T18	SES 1 T20	YES
Paramount Network	East	AMC 11 T18	SES 1 T20	YES
Paramount Network	West	AMC 11 T18	SES 11 T20	YES
TV Land	East	AMC 11 T18	SES 1 T11	YES
TV Land	West	AMC 11 T18	SES 1 T11	YES
VH1	East	AMC 11 T18	SES 11 T20	YES
VH1	West	AMC 11 T18	SES 1 T20	YES
Logo	West	SES 1 T12	SES 11 T20	YES
MTV Classic	West	SES 1 T12	SES 1 T19	NO
MTV2	West	SES 1 T12	SES 1 T11	YES
mtvU	East	SES 1 T12	SES 1 T19	NO
Nick Jr	West	SES 1 T12	SES 1 T11	YES
Nicktoons	West	SES 1 T12	SES 1 T11	YES
TeenNick	West	SES 1 T12	SES 1 T11	YES
Tr3s	West	SES 1 T12	SES 1 T19	NO