

**SATELLITE CHANGE FOR MILITARY HISTORY, HISTORY EN ESPANOL, CRIME & INVESTIGATION AND
LIFETIME REAL WOMEN**

July 16, 2019

Rich Fickle
President
National Cable Television Cooperative
11200 Corporate Avenue
Lenexa, KS 66219

Dear Rich,

Reference is made to the License Agreement, dated as of January 1, 2013, between NCTC and A&E Television Networks, as amended, for the distribution of A&E, THC, LIFETIME, LMN, FYI (f/k/a BIO), the Vice Channel (f/k/a H2), MHC, CI, LRW, THCEE, A&E-HD, THC-HD, FYI-HD, the Vice Channel-HD, CI-HD, LIFETIME-HD AND LMN-HD.

This letter shall serve as notice that Military History ("MH"), History en Espanol ("THCe"), Crime & Investigation ("CI") and Lifetime Real Women ("LRW") are relocating **from** Galaxy 13, Transponder 7 **to** AMC11, Transponder 12.

Dual illumination is available now and will cease as of December 1, 2019. Existing equipment may be utilized for this transition.

Our records indicate that certain of the Participating Members' Systems may be affected by this satellite change. In order to ensure a smooth transition and to avoid any service interruption, please forward the attached technical specifications to your engineering staff. For further assistance, please contact us at: techsupport@aenetworks.com or 866-335-8236 (option 2). While we will also be communicating with Participating Members individually concerning the relocation, we appreciate your assistance in communicating this information to your members.

Very truly yours,

A&E TELEVISION NETWORKS, LLC



Pam Politano
Vice President
Distribution Operations

cc: NCTC – Legal Department
NCTC – Judy Meyka, EVP, Programming
NCTC – Stewart Meyers, VP, Programming
AETN – Stephanie Plasse, SVP and Deputy General Counsel
AETN – Jane Rice, EVP, Content Distribution and Marketing
AETN – Sara Hinzman, VP, Distribution



Satellite	AMC11
Orbital Location	131° West
Transponder	12
Downlink Frequency	3940
L-Band Frequency	1210
Symbol Rate	30.00
FEC	Auto
Polarity	Horizontal
Network ID	1747
RF Input	#1
Modulation	DVBS-2
Roll Off	0.20

Channel/Tiers	2 - Military History Channel SD 3 - Lifetime Real Women SD 100 - Crime & Investigation HD 101 - History en Español HD	<p>*ATTENTION* <u>To All SD ONLY Customers:</u> Channel/Tiers for HD services can be applied towards all SD channels.</p>
Encoding Format	MPEG-4	

Recommended Rx	Single Service D9854
	Multiple Services D9824
	MPEG-4 Transcode to MPEG-2 SD or HD D9858 / D9859/ D9800

Video Format	1080i
Audio Format	AC3 (Dolby Digital)

Video PID's	200 - Military History Channel SD 300 - Lifetime Real Women SD 610 - Crime & Investigation HD 710 - History en Español HD	<p>*ATTENTION* <u>To All SD ONLY Customers:</u> PIDs for HD services can be applied towards all SD channels.</p>
Audio PID's	210 - Military History Channel SD 310 - Lifetime Real Women SD 611 - Crime & Investigation HD 711 - History en Español HD	
Miscellaneous Audio PID's	211- Military History Channel SD-SAP 311-Lifetime Real Women SD-SAP 612-Crime & Investigation HD-SAP 712- History en Español HD-SAP	
DPI PID's & Cue Tones	250 - Military History Channel SD 350 - Lifetime Real Women SD 619 - Crime & Investigation HD 719 - History en Español HD	
Scrambling Hotline & Email	866-823-3712 techsupport@aenetworks.com	