

October 6, 2015

Press Release – Maryland Public Television (MPT) Upgrades WMPB & WMPT with New *EXACT-ATSC* DTV Exciters

Southwick, MA.... **Hitachi Kokusai Electric Comark LLC** announces that Maryland Public Television (MPT) has upgraded its existing digital TV transmitters at WMPB (Baltimore; D29) and WMPT (Annapolis; D42) with new ***EXACT-ATSC*** Digital TV exciters from COMARK. The WMPB station uses an Ultimate solid state transmitter, originally installed in 2001 and the WMPT station uses a DCX IOT transmitter that was installed in 1998. Both stations replaced the existing main and standby exciters for superior system reliability as well as enhanced RF performance.

Introduced at NAB-2015, the ***EXACT-ATSC*** exciters were developed as drop-in replacements for existing COMARK transmitters; however they are also available to operate in a standalone mode for use with third party transmitter products. ***EXACT*** is built on a 1RU rack-mount hardware platform that is loaded with ATSC firmware. The ***EXACT-ATSC*** exciters feature “**DualCast**” technology that is easily upgraded via firmware from ATSC 1.0 to 3.0; protecting investment today for use tomorrow.

As with previous generations of DTV exciters from COMARK, ***EXACT*** leap frogs the industry again with an even higher performing Digital Adaptive Precorrection (DAP). DAP automatically corrects both the linear and non-linear system distortions inherent to all DTV systems. The use of COMARK’s DAP provides the lowest cost of operation with very high system efficiency and RF SNR performance.

The ***EXACT*** platform includes simple local control and monitoring using a front panel backlit LCD display. The exciter can also be remotely controlled via user friendly and intuitive built-in web GUI. Finally an optional SNMP client is available for operators that want to incorporate a third party NMS.

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About MPT

Launched in 1969 and headquartered in Owings Mills, MD, Maryland Public Television is a nonprofit, state-licensed public television network and member of the Public Broadcasting Service (PBS). MPT’s six transmitters cover Maryland plus portions of contiguous states and the District of Columbia. Frequent winner of regional Emmy® awards, MPT creates local, regional, and national television shows. Beyond broadcast, MPT’s commitment to professional educators, parents, caregivers, and learners of all ages is manifest in its year-round instructional events and super-website *Thinkport* which garners in excess of 1.4 million visits annually.

About Hitachi Kokusai Electric Comark LLC:

For over 40 years COMARK has been synonymous with broadcast expertise and innovation. A trusted partner to the world’s leading broadcasters, COMARK has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state

technology, Digital Adaptive Pre-correction (DAP), and also winning multiple Emmy® Awards; and gaining numerous patents in technologies that have become fundamental to broadcasting. COMARK is now building on this great heritage with the release of an entire new range of transmission products for terrestrial television broadcasting, and state-of-the-art products for scientific/industrial RF applications. With thousands of active COMARK transmission systems deployed worldwide and a global support presence, COMARK plans to continue to develop technologies for the future, with efficiency and performance initiatives for improving coverage and saving power.

Information about products from COMARK™ is available at www.comarktv.com.



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