

WGBH / WGBY orders VHF transmitters for repack from Hitachi Kokusai Electric Comark

SOUTHWICK, MA, April 3, 2018 – Hitachi Kokusai Electric COMARK LLC (hereinafter “COMARK”), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 45 years, has announced that WGBH Educational Foundation has ordered two (2) new VHF PARALLAX® liquid cooled DTV transmitters for stations WGBH Boston, MA and WGBY Springfield, MA. Both stations are part of the FCC’s historic incentive spectrum auction and subsequent repack efforts.

At WGBH, COMARK will be supplying a multi-cabinet PARALLAX VHF band 1 liquid cooled transmitter on channel D5. The transmitter is designed for initial operation at 7.5kW TPO but allows for future power upgrades up to as high as 55kW should the station decide to maximize their ERP in the future. The transmitter cabinets will be pre-wired to facilitate a quick upgrade with additional power amplifiers and PA combiners.

In addition, COMARK will be supplying another PARALLAX VHF band 3 transmitter on D13 for WGBY. The WGBY transmitter will be configured for 1+1 redundancy with a main / standby configuration. Each half of the transmitter can fully supply the required 13kW TPO with custom RF switching between transmitter cabinets. Both cabinets will be pre-wired to accommodate future power upgrades.

COMARK will manage all aspects of both transmitter installations including program management, equipment delivery, on-site installation, and proof-of-performance testing. Both transmitters are fully upgradeable from ATSC 1.0 to ATSC 3.0 due in part the EXACT-V2 exciter technology.

“We expanded our PARALLAX product line from UHF to VHF band 3 and most recently to cover VHF Band 1” says Dick Fiore, President and CEO of Hitachi Kokusai Electric Comark, LLC. “WGBH/WGBY has been a long standing customer of COMARK for many years, having previously purchased their original UHF DTV rigs from the transition from analog to digital. We are very pleased to be working again with WGBH Educational Foundation on this exciting project.”

“WGBH is looking forward to continuing our long relationship with Hitachi-Comark” says Emeric Feldmar, Director of Engineering at WGBH. “We have received excellent products, and support throughout the years. We purchased these Parallax VHF band 1 and band 3 transmitter systems for our WGBH and WGBY facilities that are being upgraded as a result of the spectrum auction/repack with capability to upgrade to ATSC 3.0.”

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About Hitachi Kokusai Electric Comark LLC:

For over 45 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.

***Look for Hitachi Kokusai Electric Group at NAB
2018, booth # C4309.***

Information about products from Hitachi-Comark
is available at www.comarktv.com.

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