

WCTE Orders New PARALLAX DTV Transmitter from Hitachi Kokusai Electric Comark

SOUTHWICK, MA, Aug 31, 2017 – 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 WCTE / Upper Cumberland Public Television has ordered a new COMARK’s PARALLAX® transmitter. WCTE is a PBS member station located in Cookeville, TN serving the north central counties of Tennessee.

The new transmitter will be delivered to the existing facility in early September. The new DTV transmitter will be equipped with 8 broadband power amplifiers providing 13kW Transmitter Power Output (TPO) level. The PARALLAX® transmitter will be delivered complete with dual EXACT-V2 exciters (in main/standby configuration) and the liquid cooling system. COMARK will also manage the shipment and offloading / placement of the new equipment in the transmitter facility.

COMARK debuted the PARALLAX® UHF high efficiency transmitter at NAB 2016, where it won NewBay Media’s Best of Show Award presented by TV Technology. PARALLAX® is the transmitter that is “designed for repack” providing broadband Doherty performance and a future proof design. PARALLAX® offers all broadcasters:

- Highest power liquid cooled solid state transmitter available; up to 27.5kW TPO per rack cabinet, multiple cabinets for 100kW
- Highest efficiency with wideband Doherty technology
- Unique vertical high-gain power amplifiers providing:
 - ✓ 2kW per PA module for UHF
 - ✓ 1.6kW per PA modules for VHF band 3
- Asymmetrical Doherty; same power in 8VSB and OFDM
- Unique DualCast ATSC 1.0 / 3.0 upgradeable; preserves investment
- Hot-swap AC to DC rectifiers with >96% efficiency
- Made in the USA, serviced and supported out of Southwick, MA

“COMARK worked with the management of WCTE to provide a complete solution to replace their existing unit with the latest technology. The transmitter will be delivered with ATSC 1.0 compatible exciters, but the unit is easily upgradeable for ATSC 3.0 as soon as the station is ready for testing” says Dick Fiore, President and CEO of Hitachi Kokusai Electric Comark, LLC.

"It means everything to our station that COMARK has a solution for our broadcast needs that will serve our viewers today, but also prepares us for tomorrow with the transition to ATSC 3.0! They treat WCTE as a true member of the COMARK family and that speaks volumes about their CEO, Richard Fiore and the entire COMARK team! I am super excited about the PARALLAX® transmitter and grateful for the care and concern they give to our small, rural station." states Becky Magura, President & CEO of WCTE Upper Cumberland PBS.

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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.

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

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