

**Request for Extension of Special Temporary Authority  
For FM Dual-Antenna Digital Broadcasting  
WAEB-FM, Allentown, PA, 104.1 MHz, CH 281, FAC ID 14372  
FCC File No. BDSTA-20060606AGN**

Capstar TX Limited Partnership ("Capstar") the licensee of WAEB-FM, Allentown, Pennsylvania (the "Station"), hereby requests an extension of special temporary authority ("STA") to continue dual-antenna FM *IBOC* digital broadcasting using iBiquity Digital Corporation's HD Radio™ technology, pursuant to the FCC Public Notice on *Use of Separate Antennas to Initiate Digital FM Transmissions Approved*, MM Docket No. 99-325, DA 04-712, released March 17, 2004. Specifically:

1. *Date.* Capstar commenced digital broadcasts on the Station on or about June 13, 2005.
2. *Certification of Facilities.* Capstar certifies that the Station's facilities conform to the iBiquity Digital Corporation hybrid FM specifications.
3. *Technical Reference.* In the event of interference, questions should be directed to:

Steve Boyer  
(610) 720-2580

4. *Transmitter Power Output.*

Analog: 24.5 KW (ERP=50.0 KW)  
Digital: 1.164 KW (ERP=500 Watts)

5. *Certification of ERP.* Capstar certifies that the Station's analog effective radiated power will remain as authorized after commencement of digital operations.
6. *Radiation Exposure Certification.* Capstar certifies that the Station's interim digital operations will not cause human exposure to levels of radio frequency radiation in excess of Section 1.1310 of the Commission's rules and is therefore categorically excluded from environmental processing pursuant to Section 1.1306 (b).

7. *Licensed Auxiliary Antenna.*

Auxiliary Antenna Coordinates: 40-73-13N, 75-35-44W (NAD-27)

Auxiliary Antenna Elevation Data: 343 meters AMSL  
126 meters HAAT  
38 meters AGL

Auxiliary Antenna FCC File No. BXPB-20060120ACE 1/

---

1/ Capstar filed a license to cover application, on FCC Form 302-FM, on May 31, 2006. See FCC File No. BXLH-20060531ANN .