

the 3 hours of core programming that must be aired on the main program stream, on one free video channel, or distribute it across multiple free video channels, at their discretion, as long as the stream on which the core programming is aired has comparable MVPD carriage as the stream whose programming generates the core programming obligation under the processing guideline described in paragraph (e)(2)(i) of this section.

(3) For purposes of the guideline described in paragraph (e)(2) of this section, at least 50 percent of the core programming counted toward meeting the additional programming guideline cannot consist of program episodes that had already aired within the previous seven days on either the station's main program stream or on another of the station's free digital program streams. This requirement does not apply to any program stream that merely time shifts the entire programming line-up of another program stream and, during the digital transition, to core programs aired on both the analog station and a digital program stream.

NOTE 1 TO § 73.671: For purposes of determining under this section whether programming has a significant purpose of serving the educational and informational needs of children, the Commission will ordinarily rely on the good faith judgments of the licensee. Commission review of compliance with that element of the definition will be done only as a last resort.

[56 FR 19616, Apr. 29, 1991. Redesignated at 56 FR 28825, June 25, 1991, as amended at 61 FR 43997, Aug. 27, 1996; 70 FR 37, Jan. 3, 2005; 71 FR 64165, Nov. 1, 2006]

EFFECTIVE DATE NOTE: At 70 FR 37, Jan. 3, 2005, in § 73.671, paragraph (c)(5) was revised, effective Jan. 1, 2006. This paragraph contains information collection and record-keeping requirements and will not become effective until approval has been given by the Office of Management and Budget.

#### § 73.672 [Reserved]

#### § 73.673 Public information initiatives regarding educational and informational programming for children.

Each commercial television broadcast station licensee shall provide information identifying programming specifically designed to educate and inform children to publishers of program

guides. Such information shall include an indication of the age group for which the program is intended.

[70 FR 9877, Mar. 1, 2005]

#### § 73.681 Definitions.

*Amplitude modulation (AM).* A system of modulation in which the envelope of the transmitted wave contains a component similar to the wave form of the signal to be transmitted.

*Antenna electrical beam tilt.* The shaping of the radiation pattern in the vertical plane of a transmitting antenna by electrical means so that maximum radiation occurs at an angle below the horizontal plane.

*Antenna height above average terrain.* The average of the antenna heights above the terrain from approximately 3.2 (2 miles) to 16.1 kilometers (10 miles) from the antenna for the eight directions spaced evenly for each 45 degrees of azimuth starting with True North. (In general, a different antenna height will be determined in each direction from the antenna. The average of these various heights is considered the antenna height above the average terrain. In some cases less than 8 directions may be used. See § 73.684(d)). Where circular or elliptical polarization is employed, the antenna height above average terrain shall be based upon the height of the radiation center of the antenna which transmits the horizontal component of radiation.

*Antenna mechanical beam tilt.* The intentional installation of a transmitting antenna so that its axis is not vertical, in order to change the normal angle of maximum radiation in the vertical plane.

*Antenna power gain.* The square of the ratio of the root-mean-square free space field strength produced at 1 kilometer in the horizontal plane, in millivolts per meter for one kW antenna input power to 221.4 mV/m. This ratio should be expressed in decibels (dB). (If specified for a particular direction, antenna power gain is based on the field strength in that direction only.)

*Aspect ratio.* The ratio of picture width to picture height as transmitted.

*Aural center frequency.* (1) The average frequency of the emitted wave when modulated by a sinusoidal signal;