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July 26, 2017

Request for Special Temporary Authority
KYQT(AM) Burns, Oregon Fac ID 62265
Starlight Broadcasting LLC

Starlight Broadcasting LLC (“Starlight”) requests Special Temporary Authority (STA) for a period of 180 days to operate from a temporary long-wire antenna at the KYQT studio. The long-wire antenna will be supported at one end by a short tower at the corner of the studio building, and at the other end by a wood pole. The wire will have a vertical run of 30 feet, and a horizontal run of 100 feet. The wire will be a minimum of 15 feet above ground. A moment method model of this antenna using MiniNEC predicts an antenna efficiency of 285.8 mV/m/km @ 1kW.

Details of requested operation:

Location: N 43° 34' 58.1" W 119° 3' 18.2" (NAD83)

Hours: Unlimited Time

Power: 60 Watts

RMS: 70 mV/m/km at 60 Watts.

Thomas S. Gorton P.E.
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