

Pathfire, Inc.  
Request for Special Temporary Authorization

## Attachment A

### Description of Application

Pathfire, Inc. ("Pathfire") hereby requests special temporary authorization ("STA") to operate an earth station facility consisting of two 2.4 meter and one 3.8 meter transmit/receive antennas using Ku-band frequencies during the pendency of the license application for this facility filed simultaneously with this request. Pathfire respectfully requests authorization to operate the proposed earth station facility beginning on March 9, 2009.

Pathfire is a provider of digital media distribution and management solutions to television, media and entertainment industries. Broadcasters rely on Pathfire's distribution system to deliver programming and advertisements to their stations via an IP-based platform, eliminating the need for video tapes. Pathfire proposes to use the proposed antenna facility as part of this business. Specifically, the facility would provide expanded capacity and serve as a back up for other video distribution paths.

Pathfire uses resources of the distribution network owned by its parent company, DG FastChannel, Inc. ("DG"). That network currently incorporates satellite service provided by a subsidiary of DG, which operates an earth station facility in Tulsa, Oklahoma using satellite capacity on the Galaxy 18 satellite. The Tulsa facility previously operated with Galaxy 10-R before that satellite was replaced with Galaxy 18 at the same orbital location. DG has been expanding and reallocating its internal transmission resources and had the option to use the Tulsa facility within the distribution network for Pathfire and DG's other video distribution businesses. However, after the migration of service to Galaxy18, the Tulsa facility is no longer situated in a favorable location within the satellite footprint and requires higher power operations to transmit signals to Galaxy 18 than were required to Galaxy 10-R. DG recently discovered that the level of traffic that it had anticipated to deliver using the Tulsa facility is no longer feasible because the power required would exceed the capabilities of the equipment at that facility. The capacity limitations resulting from the migration to the Galaxy 18 satellite would result in congestion in Pathfire and DG FastChannel's distribution networks, which could diminish the quality of service to its customers.

Pathfire owns the proposed earth station facility, which is currently not in use but had previously been operated under a now-expired license.<sup>1</sup> The Galaxy 18 satellite footprint provides excellent coverage at the location of this facility. Further, the equipment at this facility is well-suited for the company's capacity requirements. Pathfire requests this STA to allow it to use the proposed earth station facility while the application for permanent authority is pending.

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<sup>1</sup> This facility was previously authorized under FCC license call sign E980336. Pathfire allowed the license to expire on September 25, 2008 because the facility was not being used, having been deactivated in September 2006.

Grant of this STA would allow Pathfire to distribute programming and advertisements to broadcast stations in the short term at improved quality levels and with greater reliability. Therefore, the public interest will be served by the grant of this STA because it will allow Pathfire and DG's customers to obtain improved video delivery service, which in turn will enhance the quality of the broadcast and media services provided by those customers to the public.

The proposed antenna complies with the antenna gain patterns specified in Section 25.209 of the Commissions rules, and the antenna-type and the proposed operational parameters are consistent with those that have been routinely licensed by the Commission. All technical parameters are provided in the underlying license application identified above.