

**Request for Modification of  
Earth Station Authorization (Call Sign E030120)**

Amtech Systems LLC (“Amtech”) is currently licensed under call sign E030120 to operate 70,000 half-duplex mobile earth terminals (“METs”) with a transmit bandwidth of 20 kHz in the lower L-band (1530-1544/1626.5-1645.5 MHz).<sup>1</sup> This modification application seeks to increase the authorized number of METs to 100,000.

Grant of this request for modification is in the public interest because it will allow Amtech to operate an increasing number of METs that comply with the Commission’s real-time preemption requirements. As the Commission is aware, Amtech currently operates METs pursuant to two authorizations. First, this authorization (call sign E030120) permits Amtech to operate 70,000 METs that comply with the real-time preemption requirement set forth in Footnote US315 to Section 2.106 and Section 25.136(d) of the Commission’s rules.<sup>2</sup> Second, Amtech holds an authorization (call sign E990316) to operate 30,000 METs pursuant to a waiver of Footnote US315 to Section 2.106 and Section 25.136(d) of the Commission’s rules.<sup>3</sup> Amtech has been steadily reducing the number of non-compliant METs operating pursuant to call sign E990316. Indeed, Amtech is simultaneously filing a modification application that would reduce its operation of non-compliant METs to 2,500. Grant of this application would facilitate Amtech’s reduction of non-compliant METs. It would also accommodate continued business growth, which primarily services public safety users.

Moreover, grant of this modification application will not cause an increased risk of harmful interference. As noted above, the additional METs to be operated pursuant to this license will comply with the real-time preemption requirements of Footnote US315 to Section 2.106 and Section 25.136(d) of the Commission’s rules. Amtech will also operate the additional METs in conformance with the technical parameters of its current license, which are incorporated herein by reference.<sup>4</sup> Adding 30,000 METs to call sign E030120 thus serves the public interest.

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<sup>1</sup> See File No. SES-MFS-20080303-01358, Call Sign E030120 (granted Oct. 21, 2008).

<sup>2</sup> 47 C.F.R. § 2.106, Footnote US315 and 47 C.F.R. § 25.136(d).

<sup>3</sup> See File No. SES-MFS-20080303-01359, Call Sign E990316 (granted Oct. 21, 2008).

<sup>4</sup> File No. SES-MFS-20080303-01358, Call Sign E030120 (granted Oct. 21, 2008).