



UNITED STATES DEPARTMENT OF COMMERCE
National Telecommunications and
Information Administration
INTERDEPARTMENT RADIO ADVISORY COMMITTEE
Washington, D.C. 20230

APR - 9 2012

MEMORANDUM FOR: Executive Secretary, Interdepartment Radio Advisory Committee (IRAC)

Edward M. Davison

FROM: Edward M. Davison, IRAC Chairman

SUBJECT: Review of Application to Federal Communications Commission for Earth Stations in the Range 1610-2500 MHz Considered to be Routine (Amtech Systems LLC to reduce the authorized number of METs to 350 half-duplex terminals from 2500 terminals (File No. SES-MOD-20120319-00279, call sign E990316)

The informal IRAC group ("Group") formed to consider applications to the Federal Communications Commission ("Commission") for earth stations in the mobile-satellite service (MSS) in the range 1610-2500 MHz has reviewed the attached applications.¹

As a result of their deliberation the Group has determined that these applications can be considered "routine". The term "routine" implies that there are no policy issues that need to be considered by the IRAC. This includes the fact that i) no waiver to national table, e.g., US308 or US309, is required; ii) the applicant complies with out-of-band requirements in the Commission's rules; and iii) the operations are limited to communications with satellites (earth stations are not capable of providing MSS ancillary terrestrial component or dual-mode MSS satellite and integral terrestrial capability). Any applications not considered to be routine will be placed on the IRAC agenda for the Commission to submit a draft authorization for consideration.

The IRAC has no objections to the MSS earth station application in the range 1610-2500 MHz.

Attachment

¹ See IRAC Doc. 36548/2

ATTACHMENT

Applications to Federal Communications Commission for Earth Stations in the Range 1610-2500 MHz Considered to be Routine²

Amtech Systems LLC filed an application to modify the current license of satellite earth station (File No. SES-MOD-20100414-00444, call sign E030120) to reduce the authorized number of mobile earth terminals (METs) to 350 half-duplex terminals from 2500 terminals and to extend the license term for an additional two years, until July 2, 2014. Other than this change, Amtech Systems LLC will operate its METs in a manner consistent with the technical parameters described in the current authorization.³ The application requests authority to communicate with the AMSC-1 (a.k.a. MSAT-2), MSAT-1, INMARSAT-3F4 (142 W.L.), INMARSAT-4F2 (52.75 WL), and all satellites on the ISAT List in the bands 1530-1544 and 1626.5-1645.5 MHz. The applicant indicates that its shut-off time is less than 3 seconds. The applicant for the application listed below does NOT require any waivers and the FCC did not identify any policy issues; therefore, the following application can be treated as "routine" for L-Band coordination purposes:

FCC IBFS File Number	Call Sign	Licensee
SES-MOD-20120319-00279	E990316	Amtech Systems LLC

² The application can be found by navigating to www.fcc.gov/ibfs. On the top left of that page, change the drop down from Call Sign to File Number and enter the File Number shown below. Also note that the file numbers listed are the actual file numbers assigned. Some of the applications shown will list a file number in the document that has a INTR in the file number which is an interim file number. Please refer to these applications with the actual file numbers listed.

³ Previous authorization was concurred by NTIA in IRAC document 37914/1.