

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)	
)	
SES AMERICOM, INC. and)	File No. SAT-T/C-_____
SES ASTRA AB)	Call Sign S2134
)	
Application for Transfer of Control of)	
the AMC-2 Satellite from U.S. to)	
Swedish Licensing Authority)	

APPLICATION

SES Americom, Inc. (“SES Americom”) and its commonly-owned affiliate SES ASTRA AB¹ (“ASTRA AB” and with SES Americom, the “Parties”), hereby request the transfer of control of the AMC-2 satellite from U.S. licensing authority to Swedish licensing authority upon arrival of the spacecraft at the nominal 5° E.L. orbital location.² The proposed relocation of AMC-2 to the nominal 5° E.L. orbital location will enable ASTRA AB to commence service in the C-band and additional Ku-band frequencies ahead of the launch of the SES-5 satellite,³ which has been delayed. ASTRA AB has all necessary authority from the Swedish Post and Telecommunications Agency (the “PTS”) to operate AMC-2 in the C- and Ku-band frequencies

¹ SES ASTRA AB was formerly known as SES SIRIUS AB. *See* Press Release, *SES SIRIUS Becomes SES ASTRA* (Jun. 23, 2010), <http://www.ses-astra.com/business/en/news-events/news-latest/index.php?pressRelease=/pressReleases/pressReleaseList/10-06-22/index.php>.

² SES Americom will separately request FCC authority for the drift of the AMC-2 spacecraft to the nominal 5° E.L. orbital location. SES Americom anticipates that such drift would begin in October 2011.

³ The SES-5 satellite is also known as ASTRA-4B and was originally named SIRIUS 5. *See* Press Release, *SES Orders New SIRIUS 5 Satellite from Loral* (Oct. 10, 2008), <http://www.ses-astra.com/business/en/news-events/press-archive/2008/08-10-09/index.php>.

at the nominal 5° E.L. orbital location.⁴ After it is relocated, AMC-2 will not be capable of providing service to the U.S., so the Parties are not seeking U.S. market access following the transfer of licensing authority.

A completed Form 312, Schedule A, and related exhibits in support of this request are attached.

DESCRIPTION OF THE PROPOSED TRANSFER

SES Americom holds FCC licenses for a fleet of spacecraft operating in the C-, Ku- and Ka-bands. ASTRA AB is a company formed under the laws of Sweden and a wholly-owned, indirect subsidiary of SES Americom's ultimate parent, SES S.A.

AMC-2 is a hybrid C/Ku-band satellite that was launched in 1997 and currently operates pursuant to FCC authority at the nominal 79° W.L. location,⁵ where it is collocated with AMC-5, a Ku-band only satellite.⁶ ASTRA AB already operates satellites at and around the 5° E.L. position⁷ and had planned to augment existing services with the new SES-5 satellite at the end of 2011. Due to delays in manufacturing and launch manifests, however, the launch of

⁴ The AMC-2 satellite will actually be positioned at 5.16° E.L. longitude in order to avoid station-keeping overlaps with nearby satellites and will be operated with +/- 0.1 degrees east-west stationkeeping tolerance. Attached as Annex 1 is a copy of a letter from the PTS confirming that Sweden has submitted filings with the International Telecommunication Union ("ITU") for use by ASTRA AB in compliance with the ITU Radio Regulations and the PTS procedures for satellite coordination. The SIRIUS-5E satellite network filing will cover the use of the C-band frequencies on AMC-2, while the SIRIUS-BSS-5 filing will cover the Ku-band frequencies.

⁵ See File Nos. SAT-MOD-20100324-00056 (grant-stamped June 21, 2010) & SAT-MOD-20101215-00261 (grant-stamped March 8, 2011).

⁶ See File No. SAT-MOD-20100706-00154, call sign S2156 (grant-stamped Jan. 20, 2011).

⁷ For example, ASTRA 4A is at the nominal 4.8° E.L. orbital location, and ASTRA 1E is at the nominal 5.0° E.L. orbital location. ASTRA 4A operates in the 11.7-12.75 GHz, 14.0-14.25 GHz, 17.3-18.1 GHz, 18.8-19.3 GHz, 19.7-19.95 GHz, 21.5-21.75 GHz, 29.15-29.4 GHz and 29.5-30.0 GHz bands, and ASTRA 1E operates in the 10.7-11.2 GHz and 11.45-12.1 GHz, 12.75-13.25 GHz, 14.0-14.25 GHz and 17.3-17.7 GHz bands. Both ASTRA 4A and ASTRA 1E operate pursuant to ITU filings submitted by Sweden.

SES-5 is likely to be delayed beyond its planned commencement of service date. The proposed relocation of AMC-2 to the nominal 5° E.L. orbital location will allow expansion of service from that orbital location pending the successful launch of SES-5. No customers of AMC-2 will be adversely affected, as they will have been transferred to other satellites prior to the contemplated relocation.⁸

The proposed transfer to Swedish licensing jurisdiction for AMC-2 while it is at the nominal 5° E.L. orbital location will allow initiation of C-band and additional Ku-band service at that location ahead of the delayed launch of SES-5. The Swedish Administration will be the ITU notifying administration responsible for ensuring that operations of AMC-2 at the nominal 5° E.L. orbital location comply with the relevant coordination agreements at that location. The operations of AMC-2 will be consistent with such coordination agreements. As noted above, Sweden is already responsible for regulating the frequency operations of other ASTRA AB satellites at or near the nominal 5° E.L. orbital location.

The Parties are not seeking a transfer of any FCC authorization herein. As noted above, no FCC authority is sought for operations of AMC-2 at the nominal 5° E.L. orbital location. Instead, SES Americom will notify the FCC when AMC-2 arrives at the nominal 5° E.L. orbital location so that the FCC license for AMC-2 can then be suspended. Furthermore, there will be no transfer of ownership of the satellite.

The Parties anticipate that the FCC will enter into an exchange of letters with the PTS to ensure there is a mutual understanding regarding operation of AMC-2 at the nominal 5° E.L. orbital location. The Parties currently expect that AMC-2 will operate at 5° E.L. until

⁸ SES Americom has not yet made a final determination regarding where AMC-2 will be deployed following completion of its mission at the nominal 5° E.L. orbital location, but will promptly advise the FCC and seek any necessary authority once a decision is made.

SES-5 is successfully launched and has commenced operations. The Parties anticipate that the satellite will revert to U.S. licensing jurisdiction when it departs the nominal 5° E.L. orbital location and that any requirement to de-orbit the satellite will be in accordance with the FCC's rules.⁹

CONCLUSION

For the foregoing reasons, SES Americom and ASTRA AB respectfully request that the FCC consent to the transfer of control of the AMC-2 satellite from U.S. licensing authority to Swedish licensing authority upon arrival of the spacecraft at the nominal 5° E.L. orbital location.

Respectfully submitted,

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⁹ Because AMC-2 was launched and operational prior to March 18, 2002, the spacecraft is exempt from the minimum perigee requirement contained in Section 25.283(a) of the FCC's Rules, 47 C.F.R. § 25.283(a). The practice of U.S. licensees is to plan to de-orbit such older satellites at a minimum perigee altitude of 150 km above geostationary orbit.



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FAX

Date May 25, 2011
Nr of pages 2

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Subject: SIRIUS-5E filings at 5° East Longitude

References:

- 1) SIRIUS-5E, BR IFIC 2545 / 31.05.2005, Special Section CR/C/1445
- 2) SIRIUS-5E-2, BR IFIC 2596/ 12.06.2007, Special Section CR/C/1949
- 3) SIRIUS-5-BSS, BR IFIC 2645 / 02.06.2009, Special Section AP30/E/355
- 4) SIRIUS-5-BSS, BR IFIC 2645 / 02.06.2009, Special Section AP30A/E/355

To Whom It May Concern:

The Swedish Post and Telecommunications Agency (PTS) is acting as the Swedish notifying agency to the International Telecommunication Union (ITU).

The following filings have been submitted by Sweden to the ITU for geostationary satellite operations at the orbital position of 5° East Longitude:

Filing Name	Orbital Location	Special Section No.
SIRIUS-5E	5° E.L.	CR/C/1445
SIRIUS-5E-2	5° E.L.	CR/C/1949
SIRIUS-5- BSS	4.8° E.L.	AP30/E/355
SIRIUS-5- BSS	4.8° E.L.	AP30A/E/355

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The above ITU filings have been submitted on behalf of SES ASTRA AB (former SIRIUS AB). In practice, they are submitted for the use of SES ASTRA AB, or a party designated by SES ASTRA AB, in compliance with the ITU Radio Regulations and the procedures for satellite coordination within PTS¹. In any case, SES ASTRA AB is the responsible party towards PTS in relation to these filings.

Yours sincerely,

A handwritten signature in black ink that reads "Helena Åkerlund". The signature is written in a cursive style with a large initial 'H'.

Helena Åkerlund

Head of the Fixed Radio and Satellite Unit

¹ The document "PTS rutiner vid satellitkoordinering" is available at www.pts.se