

# Press release

# SES-5 TO PROVIDE FRESH SATELLITE CAPACITY IN MULTIPLE FREQUENCY BANDS TO EUROPE, AFRICA AND THE MIDDLE EAST

51<sup>st</sup> SES spacecraft in orbit after successful ILS Proton launch

## SES satellite also hosts EGNOS payloads for European Commission

Baikonur, Kazakhstan and Luxembourg – July 10<sup>th</sup>, 2012 – SES S.A. (Euronext Paris and Luxembourg Stock Exchange: SESG) announced that the SES-5 satellite roared into space on board an ILS Proton Breeze M booster today at 00:38:30 am Baikonur time (20:38:30 CET and 14:38:30 EDT on July 9<sup>th</sup>, 2012). After a 9-hour, 12-minute mission, the Breeze M upper stage of the Proton rocket successfully released the SES-5 satellite directly into geostationary transfer orbit.

The SES-5 satellite was designed and built for SES by Space Systems/Loral (SS/L), a leading manufacturer of commercial satellites. The spacecraft, to be positioned at the orbital slot of 5 degrees East, features 36 active Ku-band transponders and up to 24 active C-band transponders. SES-5 has two Ku-band beams, one serving customers in the Nordic and Baltic countries and one serving Sub-Saharan Africa, as well as two C-band beams, one with global coverage and one with hemispheric coverage over Europe, Africa and the Middle East. The satellite provides Ka-band uplink capability, allowing for flexible operations between Europe and Africa. SES-5 is designed to deliver high performance and extensive coverage for Direct-to-Home (DTH) services, broadband, maritime communications, GSM backhaul, and VSAT applications in Europe, Africa and the Middle East.

SES-5 also features the L-band payload for the European Geostationary Navigation Overlay Service (EGNOS). The EGNOS payload, which was developed for the European Commission (EC), will help verify, improve, and report on the reliability and accuracy of navigation positioning signals in Europe.

Romain Bausch, President and CEO of SES, declared: "SES-5 marks the second successful ILS-Proton launch in 2012 for SES and the third SES satellite delivered by Space Systems/Loral in the last ten months. SES-5 furthermore hosts the EGNOS payload for the European Commission. The powerful new satellite enters the global SES fleet as Number 51. We would like to thank the launch teams of Space Systems/Loral, ILS, Khrunichev and SES for their dedicated work that ultimately ensured total mission success. We would also like to thank the European Commission for entrusting SES with the EGNOS hosted payload. After thorough in-orbit testing, SES and its customers can now look forward to SES-5 providing new, state-of-the-art satellite capacity across Europe, Africa and the Middle East."

European Commission Vice-President Antonio Tajani, responsible for Industry and Entrepreneurship, said: "This new EGNOS launch demonstrates the Commission's commitment to providing positioning signals with the highest possible accuracy to citizens and businesses in Europe. This opens up a multitude of business opportunities, today and



in the future, especially when EGNOS will start working with Galileo when Galileo becomes operational in 2014."

Frank McKenna, President of ILS, said: "ILS and SES have a partnership that spans 16 years, starting with the very first ILS Proton launch with SES' Astra 1F satellite. Since that time, ILS Proton has launched 21 of SES' satellites, which provide telecommunications services for their diverse customer base across the globe. We are honored to launch the powerful SES-5 satellite for SES, including the EC hosted payload to enable the upcoming deployment L-band to serve the EGNOS system in Europe. We look forward to performing all of our future ILS Proton launches with SES and contributing, with outstanding value and schedule assurance, to their expansive fleet."

John Celli, President of Space Systems/Loral, stated: "It has been a privilege to work with SES on this complex, multi-mission satellite. SES-5 demonstrates the robust capability of the 1300 platform to provide state-of-the-art communications and at the same time host an important payload for the European Commission. Congratulations to everyone at launch base for their hard work and particularly to the teams from ILS, Khrunichev, and SES on another very successful launch."

### **Note to Editors:**

The next SES launch is scheduled for September 2012, when an Ariane 5 booster will orbit the ASTRA 2F spacecraft, manufactured by Astrium, from the European spaceport in Kourou, French Guiana.

For further information please contact:

Yves Feltes Media Relations Tel. +352 710 725 311 Yves.Feltes@ses.com

#### **About SES**

SES is a world-leading satellite operator with a fleet of 51 geostationary satellites. The company provides satellite communications services to broadcasters, content and internet service providers, mobile and fixed network operators and business and governmental organisations worldwide.

SES stands for long-lasting business relationships, high-quality service and excellence in the broadcasting industry. The culturally diverse regional teams of SES are located around the globe and work closely with customers to meet their specific satellite bandwidth and service requirements.

SES (Euronext Paris and Luxembourg Stock Exchange: SESG) holds participations in Ciel in Canada and QuetzSat in Mexico, as well as a strategic participation in satellite infrastructure start-up O3b Networks. Further information under: <a href="https://www.ses.com">www.ses.com</a>.