

The HISPASAT Group's Amazonas 4A satellite to be launched today

- The satellite will be placed in orbit by an Ariane 5 ECA launcher in French Guiana. The expected launch window is between **23:04 and 00:02**, Spanish time.
- The satellite launch will be broadcast live on the websites of HISPASAT and HISPAMAR Satélites (<http://www.hispasat.es>/<http://www.hispamar.com.br>), the Group's Brazilian company, which is in charge of the operation of Amazonas 4A.

Madrid, 22 March 2014.- The HISPASAT Group today launches its new communications satellite, the Amazonas 4A, from the European Space Agency base at Kourou, French Guiana. The launch window is between **23.04 and 00.02**, Spanish time.

The launch vehicle charged with placing Amazonas 4A in its transfer orbit is the Ariane 5 ECA. From there, the satellite will head towards the geostationary orbit selected to carry out the tests to verify its correct post-launch functioning, where it will remain for several weeks. Once this period is over, the satellite will be placed in its definitive geostationary orbit.

The Amazonas 4A was built by Orbital Sciences Corporation of the U.S., with an outstanding involvement by the Spanish aerospace industry.

During its 15 years of useful life and with its 24 transponders in the Ku band, the Group's new satellite will widen its offer of audiovisual services in Latin America.

The HISPASAT Group

The HISPASAT Group is composed of companies with a foothold in Spain as well as in Latin America, where its Brazilian affiliate HISPAMAR, sells its services. The Group is a leading Spanish- and Portuguese-language content broadcaster and distributor, including over important direct-to-home television (DTH) and high-definition television (HDTV) digital platforms. HISPASAT is one of the world's largest companies in terms of revenue in its sector, and the main communications bridge between Europe and the Americas.

Arianespace

Arianespace was founded in 1980 as the world’s first commercial satellite launch company. Its shareholders include the French space agency CNES, Airbus Defence and Space and major European space companies, representing 10 European countries. The company has corporate headquarters in Evry (Paris) and Kourou (French Guiana Space Center), and local offices in Washington DC, Singapore and Tokyo.

Since its creation, Arianespace has signed contracts with 85 customers worldwide carrying out 216 Ariane launches, 32 Soyuz launches and the two first launches of Vega. More than half of the commercial satellites in service today were launched by Arianespace.

Orbital Sciences Corporation

Orbital develops and manufactures small- and medium-class rockets and space systems for commercial, military and civil government customers. The company’s primary products are satellites and launch vehicles, including low-Earth orbit, geosynchronous-Earth orbit and planetary exploration spacecraft for communications, remote sensing, scientific and defense missions; human-rated space systems for Earth-orbit, lunar and other missions; ground- and air-launched rockets that deliver satellites into orbit; and missile defense systems that are used as interceptor and target vehicles. Orbital also provides satellite subsystems and space-related technical services to U.S. Government agencies and laboratories.

Television networks: To receive the live satellite launch signal:

<p>Hispasat 1D xp71 (Europe):</p> <p>DL: 12603 H SR: 9.60 Msps FEC: $\frac{3}{4}$ MODULATION: DVB-S2/8PSK ENCODING: MPEG2 4:2:0</p>	<p>Hispasat 1D xp80 (America):</p> <p>DL 11932.6 V SR: 7.2 Msps FEC: $\frac{3}{4}$ MODULATION: DVBS QPSK $\frac{3}{4}$ ENCODING: HD MPEG4 4:2:0</p>
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