

ARV

It would be possible to have a European unmanned cargo transport system based on the ATV ready for its first demonstration flight by 2016



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ASTEL-S

Astrium Services' subsidiary LSE will provide a one-stop shop to meet the needs of the French armed forces and ensure 24/7 service



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Astrium Update

Recent headlines from Europe's leading space company

7 July

ARV: bringing cargo back from space

Astrium has been commissioned by the European Space Agency to conduct a study for an unmanned transport system for return to Earth. This system, called ARV (Advanced Re-entry Vehicle), will be an evolution of the automated supply vessel ATV, developed and built by Astrium, which was successfully flown to the International Space Station in 2008.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/astrium-conducts-european-space-agency-esa-study-on-a-new-transport-system-for-return-to-earth-the-advanced-re-entry-vehicle-arv>

1 July

Ariane 5 Flight 189 – mission successful

In its third mission of 2009, the Ariane 5 launcher, developed and built by Astrium, successfully lifted off from the European Spaceport at Kourou, French Guiana, with the world's largest commercial communications satellite, TerreStar-1, on board.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/astrium2019s-45th-ariane-5-successfully-launched>

18 June

French MoD renews satellite communications services contract

The French MoD has awarded the entire ASTEL-S contract to Astrium Services. The contract will provide French forces all over the world with civil and military satellite telecommunications services. Astrium has now become the Ministry's sole private-sector supplier of fixed satellite services.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/the-french-ministry-of-defence-renews-its-satellite-telecommunications-services-contract-with-astrium>

National spatial data infrastructure for Serbia

In partnership with IGN France International, Astrium Services – via its Spot Infoterra division, a world leader in the field of geoinformation products and services – signed a contract to supply Serbia with a national spatial data infrastructure.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/astrium-to-supply-serbia-with-a-national-spatial-data-infrastructure>

17 June

Partnership with Kazakhstan

Astrium and JSC National Company Kazakhstan Gharysh Sapary signed a first contract to build a satellite integration centre that will be part of the future Kazakhstan national space centre. This contract is the first step of a major cooperation agreement between Kazakhstan space entities and Astrium that will lead to the construction of a satellite programme for Earth observation. Astrium will also provide Kazakhstan with two Earth observation satellites, as well as receiving stations for the Spot and TerraSAR-X satellites.



9 June

Construction of TanDEM-X radar satellite completed

Astrium has completed construction of the radar observation satellite TanDEM-X, which is scheduled for launch in autumn 2009. In formation with its 'twin' TerraSAR-X – also built by Astrium and launched in 2007 – this new satellite will provide data for a global digital elevation model of the Earth's land masses.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/construction-completed-on-tandem-x-radar-satellite>

5 June

Astrium wins feasibility study on preparation for moon landings

Astrium has been commissioned by the German Aerospace Centre to conduct a study for the testing of future moon landings. The aim is to prove the technological feasibility of a soft and precise robotic landing on the moon. Astrium is a European leader in the research and development of technologies to carry out soft and precise landings.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/astrium-wins-feasibility-study-on-preparation-for-moon-landings>

14 May

Herschel and Planck space telescopes launched by Ariane 5

In its 30th consecutive successful mission, Ariane 5, developed and built by Astrium, launched the Herschel and Planck scientific satellites for the European Space Agency. Astrium is playing a key role in both these satellite programmes.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/herschel-the-largest-space-observatory-on-its-way>

Eutelsat orders new Astrium satellite

The operator Eutelsat has selected Astrium for the construction of a new satellite, Atlantic Bird 7, scheduled for launch in the fourth quarter of 2011. The new satellite will be located at the 7° W orbital position, a key neighbourhood for digital broadcasting markets in the Middle East and North Africa. Atlantic Bird 7 is the 18th satellite ordered by Eutelsat from Astrium.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/eutelsat-selects-astrium-to-deliver-atlantic-birdtm-7-satellite-for-7b0-west-video-neighbourhood>

28 April

Galileo satellite GIOVE-B marks first year in orbit

The GIOVE-B navigation satellite, designed and built by Astrium, has successfully completed its first year in orbit. This demonstration satellite is testing in orbit key technologies for the European navigation system Galileo.

<http://www.astrium.eads.net/en/press-center/press-releases/2009/galileo-satellite-giove-b-marks-its-first-year-in-orbit>

About Astrium

Astrium is global space industry leader, with world-class expertise and extensive prime contractor experience across all sectors of the space business – launch vehicles, manned space activities, civil and military satellite systems and services.

Astrium employs over 15,000 people in France, Germany, the United Kingdom, Spain and the Netherlands.

Astrium is a wholly owned subsidiary of EADS, a global leader in aerospace, defence and related services.

Moon lander

The first trial flights of the demonstrator could take place as early as 2012 and represent a vital step in the development of European moon landing capabilities



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Atlantic Bird 7

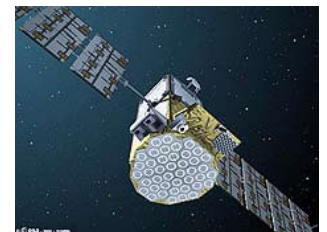
Prime contractor for Atlantic Bird 7, Astrium is responsible for the design and build of the spacecraft and the supply of both the payload and the platform



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GIOVE-B

GIOVE-B carries three high-precision atomic clocks, including a passive hydrogen maser, the most accurate time reference ever orbited in space, with an accuracy of better than one nanosecond per day



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For more information:

www.astrium.eads.net

