



THIRD SUCCESSFUL 2020 MISSION FOR ARIANE 5

The satellites Galaxy 30 and BSAT-4b plus an advanced satellite servicing payload correctly placed into orbit

Colleferro, 16 August 2020 – During the night of the 15th of August the third successful launch of Ariane 5 took place from the French Guiana Space Center (CSG). The European launcher correctly placed into geo-stationary orbit the telecommunication satellites for B-SAT and Intelsat, plus a servicing payload for Northrop Grumman's SpaceLogistics LLC.

The BSAT-4b satellite, manufactured by the American company Maxar Technologies, will be used to transmit ultra-high definition Direct-to-Home (UHD, 4K e 8K) all over Japan, while the Galaxy 30, manufactured by Northrop Grumman, will provide high performance broadcast distribution capabilities in North America for Intelsat. The mission also included the MEV-2 (Mission Extension Vehicle), a highly innovative servicing spacecraft designed to extend satellites' useful life, manufactured by Northrop Grumman's subsidiary SpaceLogistics LLC.

Ariane 5 leverages on the thrust of the two strap-on solid-propelled boosters and of the liquid-oxygen Turbopump, both produced in Italy by Avio, leader in space propulsion technologies.

Giulio Ranzo, Avio CEO, stated: "While waiting for the Vega return to flight in the coming weeks, *this Ariane 5 success re-affirms once again the competitiveness of the European Space System and the reliability of our products*".

For further information

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Avio S.p.A.

Avio is a leading international group engaged in the construction and development of space launchers and solid and liquid propulsion systems for space travel. The experience and knowhow built up over more than 50 years puts Avio at the cutting edge of the space launcher sector, solid, liquid and cryogenic propulsion and tactical propulsion. Avio operates in Italy, France and France Guyana with 5 facilities, employing approx. 1,000 highly-qualified personnel, of which approx. 30% involved in research and development. Avio is a prime contractor for the Vega programme and a sub-contractor for the Ariane programme, both financed by the European Space Agency ("ESA"), placing Italy among the limited number of countries capable of producing a complete spacecraft.