



T4Science awarded a contract by the European Space Agency to develop a new Active Maser

Neuchâtel, February 15th 2011 – T4Science, a company of the Orolia Group (NYSE Alternext Paris – FR0010501015 – ALORO), today announced the award of a 500k€ contract by the European Space Agency to develop a new Active Maser for satellites control ground infrastructures.

"The current generation of iMaser3000 is recognized as the most stable active hydrogen maser in the world by the VLBI and deep-space tracking community. This contract will allow us to advance a new concept based on a lower-cost resonant cavity along with automatic cavity tuning, which will translate into improved long-term stability and price competitiveness. This new generation of maser will be a step forward for all 'time keeping' applications such as GNSS ground control segment or Metrology" explains Pascal Rochat, CEO of T4Science.

An extended warranty period and a lower cost

In addition to a lower long-term frequency drift, the new maser will offer the benefits of an extremely low sensitivity to its environment (temperature, pressure, vibration...), very limited maintenance needs and an extended warranty period. This new maser technology will be able to achieve these performance levels over an extended period of time (15+ years) with a high level of reliability, hence a more competitive cost of ownership.

About T4Science

T4Science is a world's leader in designing, manufacturing, and marketing the next generation of high-performance, cost-effective, high-quality and compact maser products with smart functionality. It also offers a complete line of critical services for total customer satisfaction. T4Science products are used in a wide variety of scientific applications, including time and frequency.

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