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1st December 2011

STS welcomes Rob Jackson onto the team

On 1st December 2011, Rob Jackson joined the STS team to focus on marketing and commercialisation of STS's portfolio of temperature sensing coatings. An MSc-level engineering specialist, Rob brings with him over 20 years knowledge of propulsion systems and an in-depth knowledge of the priorities of the industrial gas turbine (IGT) industry and the UK MOD/US DoD propulsion technology development programmes. He possesses an invaluable network of contacts within the UK and US defence industries, as well as NATO, and his prime focus will be to utilise his incisive thinking to phase STS's award-winning technologies into the market.

At STS, Rob will have primary responsibility for pursuing market opportunities for the company's latest technology initiative, a novel *Thermal History Coating (THC)*. The THC technology has the ready potential to provide easily accessible, objective and continuous indication of past temperature exposures up to and beyond 1300°C. Temperature profiling of complex components has a direct benefit to the IGT market, and the longevity of the coating, unlike thermal paint alternatives, allows it to act as a long-term indicator in complex machineries to identify potential overheating during operation. STS expects the THC to be used in engine health monitoring applications to improve engine efficiency and to optimise maintenance costs through needs-based assessment. The *Thermal History Coating* is currently undergoing further development towards application readiness and Rob will be responsible for assembling and coordinating the many interested industry participants to form an exclusive User Club to take the technology to market. The Club is aimed at a broad range of technology sectors.

Dr J Feist, Managing Director at STS said: " *We are delighted to take on Rob and welcome him to our team. Rob's qualifications and previous experience as a propulsion technology exploitation officer with the Royal Air Force enables him to understand both the technical and commercial issues related to the health monitoring of gas turbines and complex machineries and hence makes him an ideal candidate to market STS's technology and build customer relationships.*"

Information on the THC User Club can be found at STS's web page www.stscience.com.

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