



BEYOND THE BLACK BOX – Live Flight Data Analysis

TORONTO, June 18, 2009 - Star Navigation Systems Group Ltd. (TSX-V: SNA) ("Star" or the "Company"), a leading edge technology company focused on providing Aerospace Solutions to assist aviation operators worldwide discusses air safety.

As reported in the Singapore Straits Times on 12 June 2009, Pierre J. Jeannot reminded Agence France-Presse that technology has evolved and the current flight recorders, the so called "Black Boxes", are obsolete. Mr. Jeannot, former President and CEO of Air Canada and former Director General and CEO of the International Air Transport Association (IATA), was one of the pioneers of the original flight data recorder, some forty years ago.

Mr. Jeannot pointed out that in the past there have unfortunately been several cases where even though the flight data recorders have been recovered, the "Black Box" had been so badly damaged that much of the data had been destroyed or very difficult to interpret.

Mr. Jeannot said that a cost-effective automatic system for real-time data transmission exists. Today, it is possible not only to transmit data when specific malfunction occurs, but the system can also be programmed so that in the event of a serious malfunction, it will transmit all data and cockpit communication non-stop. The substantial reduction in satellite communication costs makes such a system relatively inexpensive to operate.

Star Navigation Systems Group Ltd. (TSX-V: SNA) continues to refine its In-Flight Monitoring System ("ISMS™" or "Terrastar: RTM™" Real-time Monitoring) – as a successor to the traditional "Black Box".

Utilizing Star's patented technology, the ISMS™ system has been fully developed, extensively tested in normal commercial aviation settings, and is commercially available. Such a system allows operators to define the frequency of reports, while retaining the override ability to respond immediately to so-called "Mayday" situations. The systems' capability of sending immediate alerts in case of a significant divergence from acceptable system parameters allows for proactive action by Operations and Maintenance Centers.

Additionally, the flight performance information captured and transmitted by ISMS™ can provide a dynamic view of the overall behavior of the aircraft at a given time during flight operations.

For location information, the system uses on-board GPS equipment and standard aircraft systems to validate data integrity, and then transmit the information via satellite to the ground on a pre-determined or automatic emergency basis.

(Please see Star's website www.star-navigation.com for more information).

About Star Navigation:

Star Navigation Systems Group Ltd. (www.star-navigation.com) owns the exclusive worldwide license to its proprietary, patented In-flight Safety Monitoring System, the first system in the world to feature in-flight data-analysis, monitoring and diagnostics with a real-time connection between aircraft and ground. Its real-time capability of tracking performance-trends and predicting incident-occurrence enhances aviation safety and improves fleet management while reducing costs for the operator.

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For further information:

Please call Viraf Kapadia, CEO, (416) 252-2889
viraf.kapadia@star-navigation.com

AGORACOM Investor Relations

IR HUB <http://www.agoracom.com/ir/StarNavigation>

E-mail all questions and correspondence SNA@agoracom.com

<http://www.agoracom.com/ir/StarNavigation>