FORM 51-102F3
MATERIAL CHANGE REPORT

ITEM 1. REPORTING ISSUER

Star Navigation Systems Group Ltd.
2970 Lakeshore Blvd. W., Suite 300,
Toronto, ON M8V1J7

ITEM 2. DATE OF MATERIAL CHANGE

November 24, 2010

ITEM 3. NEWS RELEASE

Press release in the form attached as Schedule "A" was disseminated on November 24, 2010.

ITEM 4. SUMMARY OF MATERIAL CHANGE

The Company announced completion of initial phase of extreme aircraft attitude simulations.

ITEM 5.1 FULL DESCRIPTION OF MATERIAL CHANGE

See attached Schedule "A" for a full description.

ITEM 5.2 DISCLOSURE FOR RESTRUCTURING TRANSACTIONS

Not Applicable

ITEM 6. RELIANCE ON SECTION 7.1(2) OF NATIONAL INSTRUMENT 51-102

Not applicable

ITEM 7. OMITTED INFORMATION

No information has been omitted on the basis of confidentiality.

ITEM 8. EXECUTIVE OFFICER

The following officer of the Company is knowledgeable about the material change and the Report:

Viraf S. Kapadia, Chief Executive Officer, (416) 252-2889

ITEM 9. DATE OF REPORT

Dated at Toronto, Ontario this 5th day of January, 2011.

By: *(signed)* Viraf S. Kapadia
Viraf S. Kapadia

Schedule “A”

STAR NAVIGATION PERFORMS SATELLITE CONNECTIVITY AND FLIGHT DATA TRANSMISSION TESTING IN EXTREME AIRCRAFT ATTITUDE GROUND-BASED SIMULATIONS

TORONTO, ONTARIO, November 24, 2010 -- Star Navigation (TSX VENTURE: SNA)
"Star" or the "Company"), is pleased to announce that it has completed the initial phase of testing satellite signal strength, connectivity and flight data transmission in extreme aircraft attitude ground-based simulations, with encouraging results.
Star’s STAR-ISMS™ real-time monitoring system has already logged thousands of commercial aircraft flight hours. As part of its commitment to demonstrate the viability of the system in extreme and/or emergency situations, Star launched a test programme to demonstrate the system connectivity and data transmission effectiveness at extreme aircraft attitudes under real world conditions.
To prepare for the initial assessments, Star Navigation designed and constructed an innovative re-configurable antennae ground test rig, providing a representative profile for various aircraft Sat Com antenna installations. This installation, in particular, allows a comprehensive assessment of system connectivity at the full range of aircraft attitudes, including high rates of rotation. Initial testing in Bristol, United Kingdom, executed a series of connectivity tests with the elements of the STAR-ISMS™ system, designed to assess the systems’ ability to maintain connectivity and to transmit flight data at extreme aircraft attitudes, including at rapid roll rates. The initial results of these tests demonstrated robust connectivity performance for a simple, low cost installation. Further testing is planned to conclusively quantify the initial encouraging results.
Dale F. Sparks, Star Chief Technology Officer stated: “We are committed to providing an effective and viable safety support system for the industry. These tests are designed to conclusively demonstrate the reliability and integrity of the system under extreme conditions that could not be achieved with an airliner installation, as a preliminary assessment of our system’s communication performance and reliability outside of a normal aircraft flight condition. We are very pleased with the results.”
Viraf S. Kapadia, Star’s Chief Executive Officer stated: “We at Star are proud to have been asked to provide our expertise and experience in this most worthy undertaking. “
In accordance with the discretion protocol, a copy of the test reports was sent, in confidence, to Le Bureau d'Enquêtes et d'Analyses (BEA) in France as part of the Flight

Data Recovery and Triggered Transmission of Flight Data Working Groups initiative. (BEA is the French Air Accident Investigation Bureau, currently in charge of the safety
investigation into the accident of AF-447 in June of 2009.)

About Star Navigation: (www.star-navigation.com)

Star Navigation Systems Group Ltd. owns the exclusive worldwide license to its proprietary, patented In-flight Safety Monitoring System, STAR-ISMS™, 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 incidentoccurrence
enhances aviation safety and improves fleet management while reducing costs for the operator.

Certain statements contained in this News Release constitute forward-looking statements. When used in this document, the words "may", "would", "could", "will" and similar expressions, as they relate to Star or its management are intended to identify forward-looking statements. Such statements reflect Star's current views with respect to future events and are subject to certain risks, uncertainties and assumptions. Many factors could cause Star's actual performance or achievements to vary from those described herein. Should one or more of these factors or uncertainties materialize, or should assumptions underlying forward-looking statements prove incorrect, actual results may vary materially from those described herein as intended, planned, anticipated, believed, estimated or expected.

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of the content of this release.

Please visit www.star-navigation.com or Viraf Kapadia, CEO, (416) 252-2889, viraf.kapadia@star-navigation.com;