



**Sponsored by:**  
**Taksha University (TU);**  
**the TU Global Maritime Awareness Institute for Safety, Security, and Stewardship (GMAISSS);**  
**Taksha Institute for Small Satellite Space Systems (TISSSS);**  
**and the Journal of Small Satellites (JoSS),**  
**with the co-operation of invited government and industry representatives.**

## Agenda

### Friday, November 9<sup>th</sup>, 2012

<b>7:45am</b>	Registration	
<b>8:30am</b>	Chairman's Remarks	<b>Prof. Guy Thomas</b> Director, C-SIGMA Centre, Ireland Chair, TU/GMAISSS Baltimore, MD, USA
<b>8:45am</b>	Overview of USCG Efforts	<b>Dr. John T. Oliver</b> USCG HQ Washington, DC USA
<b>9:15am</b>	Break	
<b>9:30am</b>	Overview of EUCOM efforts	<b>Mr. Stephen Spehn</b> EUCOM POC for Arctic Research, AL, USA
<b>10:00am</b>	ACT Program	<b>Mr. Martin P. Kress</b> Exec. Director, National Space Science and Technology Center, Huntsville, AL, USA
<b>10:25am</b>	Building an Arctic-Observing, Passive Microwave CubeSat	<b>Mr. David Gallaher</b> Geoscientist and Manager, Technical Services National Snow and Ice Data Center Boulder, CO, USA
<b>11:00am</b>	Irish National Space Centre's Potential Capabilities in Arctic & Maritime Operations	<b>Mr. Rory Fitzpatrick</b> Director, National Space Center Ltd., Elfordstown Earthstation, Midleton, Co. Cork, Ireland
<b>11:25am</b>	Space Quest	<b>Dr. Dino A. Lorenzini</b> President, Space Quest Ltd., Fairfax VA, USA
<b>11:50am</b>	LUNCH	
<b>12:45pm</b>	Multi-Season Arctic Monitoring using S-AIS	<b>Mr. Chandler Smith</b> exactEarth, Cambridge, Ontario, CA

<b>1:15pm</b>	ORBCOMM M2M Capabilities	<b>Mr. Greg Flessate</b> VP Maritime, ORBCOMM, Dulles, VA, USA
<b>1:40pm</b>	Break	
<b>1:55pm</b>	PSAT – A small Satellite Remote Data Transponder	<b>Mr. Robert Bruninga</b> P.E., U.S. Naval Academy Satellite Lab MD, USA
<b>2:20pm</b>	ORS Arctic Efforts	<b>Mr. William C. Raynor</b> NRL TacSat-4 Program Manager, Naval Center for Space Technology, Washington, DC, USA
<b>2:45pm</b>	Small Satellite Applications	<b>Prof. Bob Twiggs</b> Morehead State Univ. and Chair, TU/TISSSS, Morehead, KY, USA
<b>3:10pm</b>	Break	
<b>3:25pm</b>	Geo Morse: A New Concept in GeoLocation	<b>Mr. Manoj Narayanan</b> GeoMorse, Singapore
<b>4:15pm</b>	A View of the North as Seen from the South	<b>Mr. Jan King</b> Systems Architect, Arctic Broadband, Australia
<b>4:45pm - 5:00pm</b>	Discussion and Future Directions - <b>Prof. Guy Thomas</b> , Chair	