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## **Intergraph Donates GIS Software to Royal School of Military Survey**

**Long running support of the UK's Armed Forces continued**

**SWINDON, 16.02.2011** – Intergraph (UK) Ltd. has continued its long running support of the UK's Armed Forces by donating GIS software to the Royal School of Military Survey. Used during the teaching of Spatial Analysis on the Geospatial Intelligence MSc and MSc research, the GeoMedia based software allows students to connect to multiple sources of data for analysis and map production. Data sources can vary from static mapping files, automatically updated raster data or full motion video, all being viewed within an interactive workspace. Both 2D & 3D views can be chosen, allowing for a more realistic view of the complicated data with dynamic queries in a multi-user environment.

“It is very beneficial to have access to GeoMedia based software so that students can be introduced to a variety of geospatial software during training, particularly during the 3 months research phase of the MSc where new areas can be explored” said Major Tish Gauci, Senior Instructor for Geospatial Exploitation.

Used across two classrooms for up to 25 students, the software includes the GIS GeoMedia Professional, ImageScout which enables quick and accurate broad area search operations on digital imagery and TerraShare, Intergraph's solution for geospatial content management.

Tracing its history back to 1833, RSMS (Royal School of Military Survey) consists of three Training Wings for Geospatial Information Management, Geospatial Exploitation and Imagery Intelligence over two sites at Hermitage and Chicksands.

### **Geospatial Exploitation Wing**

The Geospatial Exploitation (GE) Wing soldiers are taught the how to collect geospatial data using the latest digital capture methods including handheld Personal Digital Assistant (PDA), Imagery Exploitation and 3D feature extraction, in-depth analytical techniques using powerful GIS software, 3D Visualisation, and terrain analysis. Together, these subjects are key elements in increasing the knowledge and understanding of military Commanders during their planning process.

### **Geospatial Information Management Wing**

The Geospatial Information Management (GIM) Wing is responsible for the provision of the fundamental principles of map science and cartography, key elements in ensuring the quality of products is of the highest standard. Information management in the modern day is fast becoming a growth area. Of course, the work of ME (Geo) soldiers is highly regarded and to ensure that the 'customer' has the most up-to-date information, efficient and timely dissemination is vital.

### **Imagery Intelligence Wing**

The Imagery Intelligence (IMINT) Wing is responsible for the training of UK Armed Forces in the principles and practices of imagery analysis and full motion video interpretation up to a training performance standard. The operational workplace then takes the raw recruit up to the operational performance standard through on the job training.

### **About the Royal School of Military Survey**

The Royal School of Military Survey (RSMS) traces its heritage back to 1833 when survey training was transferred from the Ordnance Survey to the Royal Engineer Establishment at Chatham under the control of the first Superintendent of Survey, Lt W J Denison RE.

Though the major role of RSMS has always been to provide training for RE (Geo), both officers and soldiers, there is now an increased emphasis in the provision of geographic training to Defence. The School is now the focus for Defence GIS training, offering a range of courses. Throughout its history the school has also trained personnel from the Defence Geographic Centre (DGC) and its predecessors in disciplines from cartography to, currently, imagery based courses. In 2009 the School also took on responsibility for training Air Cartographers for employment in the Air Information Documentation Unit (AIDU).

The flagship course, the Army Survey Course (ASC), traces its origins to 1947 when the Long Survey Course was instigated to provide professional and technical skills for Military surveyors, Government surveyors of the Joint Survey Service who would work for the MOD, the Ordnance Survey and the Directorate of Overseas Surveys, and Commonwealth surveyors sponsored by their respective governments. The Army Survey Course was accredited with an MSc in 1994 through Cranfield University and its international attendance is a strong today as ever in support of Defence Diplomacy and the DGC acquisition programme. During 2009 the ASC underwent a further change and has been re-accredited as an MSc in Geospatial Intelligence (GeoInt), the scope of the course expanding to cover the wider needs of the Intelligence Community.

For more information visit: <http://www.rsms.ac.uk/>

### **About Intergraph**

Intergraph is the leading global provider of engineering and geospatial software that enables customers to visualize complex data. Businesses and governments in more than 60 countries rely on Intergraph's industry-specific software to organize vast amounts of data to make processes and infrastructure better, safer and smarter. The company's software and services empower customers to build and operate more efficient plants and ships, create intelligent maps, and protect critical infrastructure and millions of people around the world.

Intergraph operates through two divisions: Process, Power & Marine (PP&M) and Security, Government & Infrastructure (SG&I). Intergraph PP&M provides enterprise engineering software for the design, construction, operation and data management of plants, ships and offshore facilities. Intergraph SG&I provides geospatially powered solutions to the public safety and security, defense and intelligence, government, transportation, photogrammetry, and utilities and communications industries. Intergraph Government Solutions (IGS) is an independent subsidiary for SG&I's U.S. federal and classified business.

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