



January 2008 Newsletter

Welcome to new Corporate Members Bird & Bird www.twobirds.com and T-Systems Ltd www.satellic.com

Thank you to Foundation Members **Atkins** for hosting the **Transport Disruption – Can Technology Help?** workshop at their offices in Birmingham, and for laying on a networking reception for all the participants afterwards. Thank you also to Foundation Members **Amey** who hosted the Enforcement Interest Group in Oxford on 17 January.

News from ITS United Kingdom

ITS United Kingdom started the year by holding a workshop on how **Major Incidents** on the road network are handled, what role ITS technologies play at present, and how their role may change in the future. The whole day took the form of an interactive scenario being played through, without a PowerPoint presentation in sight. The scenario had been designed and was acted out by Neal Skelton of ITS (UK) and Mark Cartwright of Centaur Consulting, who chairs the ITS (UK) Security Interest Group. Starting with a crash on a key section of the West Midlands trunk road network in dark and fog, things went downhill from there courtesy of Messrs Skelton and Cartwright, with fatalities, terrorists, tunnel fires, foreign lorries and general gridlock before the combination of professional and technical expertise was able to get the fictional Midlands moving again. There was lively and sometimes robust input from the audience of around 30 ITS (UK) Members, many with direct experience from control centres and emergency services, both in the UK and overseas. To capture the expertise and ideas generated by the workshop, a full report will be published in due course. The workshop was hosted by Foundation Members Atkins at their offices in central Birmingham, and it was a relief on leaving their premises to find that traffic was in fact flowing freely in the area.

Foundation Members IBI Group get to work on the ITS United Kingdom website
The ITS United Kingdom website www.its-uk.org.uk is getting a revamp for 2008, with the web site experts from IBI working with the Secretariat to give the site an updated look while making sure that it will continue to carry all the information Members need to access in order to keep in touch with the Society, wherever they are. The IBI team have previously produced a transport information website for another ITS (UK) Foundation Member, the Scottish Executive.

ITS United Kingdom Calendar 2008

Friday 8 February	Standard and Communication Interest Group , London E1
Tuesday 12 February	Public Sector Liaison Group – Efkon, Tewkesbury
Thursday 14 February	Local Authority /Urban Interest Group , London EC2

News from ITS United Kingdom Members

Transport consultant appointed to Arup North-west office

Arup has announced the appointment of Barry Hayes as an Associate in its Transport Consulting group in the north-west of England. Barry joins Arup from Mouchel and his responsibilities will include managing the planning, design and implementation of a wide range of transportation projects undertaken by the transportation team in the region. During a 25 year career he has worked for consultants and local authorities and with a particular focus on Development Planning and Traffic Control systems. He has also worked with both private developers and operators and local authorities across the UK and has local experience at Manchester and Lancashire UTC offices. Further information from: Hugo Rees, Arup, Tel: 020 7755 4686, Email: hugo.rees@arup.com

Alleged Mifare Crypto "hack"

ITSO is aware of the recently reported alleged hacking of the Mifare® classic security system used in many commercial transport smartcard systems around the world. Although smart cards of the same type may be used in the ITSO environment, the risk of this kind of attack has been recognised throughout the development of the ITSO environment and ITSO uses an internationally recognised security system which sits over and above the proprietary security algorithm that has reportedly been cracked. Schemes using Customer Media of this type within the ITSO environment can be assured that, even if an individual card can be cracked (and it reportedly took the alleged hackers a week to do so), their transport products in the card still remain secure when the security seal is verified by the ITSO Secure Application Module (ISAM). ITSO, being a multi-platform Specification and environment, also offers its members the opportunity to use other, more secure, alternative Customer Media types, should they be required. For further information please contact Valentina Barker, ITSO Marketing Manager, at marketing@itso.org.uk Web: www.itso.org.uk

SEA helps to ease London congestion

West Country-based SEA (Group) Ltd, now part of the Cohort plc group, is pleased to announce that it has been awarded a 4-year Framework Contract (initially valued at over £3.5M) for the design, development, roll-out and operation of the Digital Traffic Enforcement System (DTES) by ITS (UK) Foundation Members Transport for London (TfL).

The modernisation and expansion of London's transportation system includes the enforcement of a wide range of traffic regulations, such as bus lanes, yellow box junctions, banned movements and parking on the Transport for London Road Network (TLRN). These roads make up around five per cent of the total London road network, but carry around thirty five per cent of the capital's traffic. All these regulatory procedures make a significant contribution towards improving the quality of journeys for all road users by ensuring the efficient operation of public transport, improving road safety, easing congestion, and ultimately keeping London moving. DTES replaces TfL's analogue traffic enforcement system and will reduce the cost of collecting, processing and storing evidence for TfL while improving the quality and reliability of future enforcement operations. DTES will enable continued use of bus-mounted cameras and replace existing cameras and systems at the end of their economic lives. SEA's key partner on the programme is JAI, who currently supply TfL's back office support facilities, giving TfL continuity in the transition from the current analogue system to DTES. SEA's Chief Executive Officer Ian Dale-Staples commented: "This is a prestigious contract and

one which demonstrates the depth and breadth of SEA's capabilities. We are delighted to be involved in such an innovative system, which we believe will set the benchmark for traffic enforcement by TfL and subsequently other authorities, with the introduction of the Traffic Management Act (2004) in spring 2008, which will decriminalise moving traffic offences. We are committed to meeting TfL's objectives and to the successful deployment of a high quality DTES solution."



IBEC, the international forum which co-ordinates and expands international efforts to exchange information and techniques on evaluation of benefits and costs of ITS, has announced its management board for 2008. While ITS (UK) Member Steve Morello of Egis Projects has stepped down as Chairman, Foundation Member Richard Harris of WSP Group has been elected as Vice Chairman, and many others ITS (UK) Members also serve on the board. See www.ibec-its.org for how to join the IBEC network, which is free.

EFKON extends its Market Leadership in Asia with another success in Malaysia

IEFKON AG continues the successful path in Asia: The Company won another order in Malaysia and is United Engineers Malaysia Technology Partner since Malaysia has installed the "World's First Nationwide Multimodal interoperable ETC System among 20 operators on 1.700km of highways" eight years ago. Today it is the world's biggest multiplication Transportation Payment System with four Million users. "We are happy to start 2008 with such a big success," says EFKON CEO Dr. Helmut Rieder and explains the success story in Malaysia, where EFKON has 100 % absolute market shares. Asia has become one of our strongest growth markets with more than 80 % market shares over the last few years. For the current project EFKON was awarded the contract by IRAT/RSSB Sdh Bdh. for delivering another 200.000 Next Generation Multi Lane Free Flow On Board Units (OBU) to cross the goal of 1 Million OBUs and has a Package Order inclusive Multi Lane Free Flow Equipment of more than 5 Million Euro.

"The technology we provide can already be described as Next Generation Electronic Tolling Systems based on ISO CALM standard active bi-directional communications", explains EFKON CEO Dr. Helmut Rieder. This technology enables besides tolling and electronic payment also ITS (Intelligent Transportation Systems) applications to improve

navigation, traffic safety or high speed car-to car communication. Another unique feature is the capability to insert an electronic Smartcard into the OBU. The EFKON integrated contactless Smartcard contains the electronic purse, which can also be used to pay for tolling as well as for paying public transport, tube, taxis, petrol and parking.

International News



Germany launches national ITS organisation

Seven German ITS organisations from Baden-Württemberg, Bavaria, Berlin, Niedersachsen and North Rhine-Westphalia have launched ITS Network Germany – Gesellschaft für Verkehrstelematik Deutschland. The member organisations are made up of over 200 individual institutions, public authorities, small and medium-sized

enterprises, scientific institutions and key multinationals. Heinz Sodeikat from ITS Munich Germany and a former ERTICO Chairman and President & Spokesman has been voted Chairman of the Board whilst Dr. Norbert Handke of ITS Niedersachsen is the Managing Director. With the establishment of ITS Network Germany a common platform for German ITS interests at both the regional and European level, has now been created. The Federal Ministry of Transport, building and Urban Affairs (BMVBS) have welcomed the establishment of the association.

ITS India Conference (a report by Neal Skelton)

Following ITS India's invitation to participate in their Conference & Exhibition at the India Habitat Centre in New Delhi in December 2007 ITS (UK) sent a delegation that included Robert Cone (International Affairs Director, ITS (UK) and Welsh Assembly) and Neal Skelton (Head of Professional Services, ITS UK). They were ably supplemented by John D'Arcy (MottMac), Darren Smith (Techspan) and Chris Henneby (Counters and Accessories Ltd.). Robert Cone, John D'Arcy and Neal Skelton were presenters in a number of Conference Sessions whilst Darren and Chris staffed a Conference Exhibition Stand. The Conference was formally opened by Shri Ajay Maken is Minister of State for Urban Development who reinforced the theme of 'ITS integration for Safe and Efficient Mobility in India – Planning, Development & Deployment'. His introduction supported India's 10th Five-Year Plan, National Urban Transport, Road and Road Safety Policy and made direct reference to the importance of ITS integration in India. The Policy states "The sheer size and differential development through the country makes the actual process of harmonized planning and implementation of ITS a challenging one. Problems of traffic management, accidents, pollution, congestion, intermodal connectivity and dissatisfactory quality of public transport systems are being felt around the country, some to critical degrees and ITS technologies can help alleviate many of these, as proven around the world". The Conference was well attended by a number of other ITS nationalities however the substantial UK presence was recognized and appreciated by the ITS India hosts who commented accordingly.

Robert Cone participated in the Plenary Session 'ITS Planning, Development and Deployment Around the World' which set the tone for the Sessions over the following two days. Session titles included 'National Frameworks, Standards & Evaluation', 'Safety



& Management', 'Traffic Information Management, Control (TIMC)', 'Sustainable Transport', 'Public Transport Systems', 'Urban Transport and Social & Environment Issues', 'Commercial Vehicle Operation (CVO)', 'Sustainable Transport Policies: Legal, Financial and Institutional Issues', 'ITS Environment – An Indo Italian Cooperation' and 'Sustainable Transport Technologies' For a more detailed breakdown of the Conference and ITS India activities refer to <http://www.itsindia.org/>

John D'Arcy, Mott Mac's presentation in 'National Frameworks, Standards & Evaluation' Session focused on various funding models and international co-operation opportunities. Neal Skelton gave presentations on UK's experience of road safety, casualty reduction and enforcement during the 'Safety & Management' Session as well as outlining traffic management and control systems during the 'Public Transport Systems' Session Techspan's Exhibition Stand, supported by Counters and Accessories, was well attended throughout the Conference and its location in the Conference Centre Gardens provided an additional pleasure, especially as the UK weather conditions were known to be less favourable. The Gala Dinner, hosted by ITS India, held in the same unique environment with green parakeets and red kites flying overhead, proved a further ideal opportunity for all the UK representatives to network and consolidate working relationships between ITS India and ITS (UK) through dialogue with counterparts. Overall the Conference was an excellent opportunity to explore areas where mutual experience and expertise could benefit both nations. There was a genuine appreciation by the organisers and delegates alike that the UK representation was as large as it was and this was reflected in a standing invitation to the conference being a likely outcome. Subsequent to the Conference's conclusion John D'Arcy was able to amend his travel plans to be able to attend the official opening of the Regional Traffic Control Centre in Bhopal on behalf of MottMac as well as representing ITS (UK). Prior to our return to the UK Robert Cone and Neal Skelton took the chance to explore the sights of New Delhi and experienced much of what the ITS India professionals had told us of the city's traffic infrastructure and associated problems.

**For more information about any of the items in this Newsletter,
contact mailbox@its-uk.org.uk**

**News from Members for inclusion in the February issue should be sent to
rlouis@its-uk.org.uk**

**Please distribute this Newsletter to all colleagues and contacts whom you think
might be interested! Why not add it to your intranet?**