

# World Congress News

The 7th TETRA World Congress



Thursday, November 25, 2004

## Outstanding performance from Ken Osborne

Each year, the TETRA MoU Board Members nominate the person or people whose outstanding contribution to TETRA should be publicly recognised. It is always a difficult decision for the Board – and this year it was more difficult than ever due to the wide range of proposals collected from the IIR web-site following a decision this year to invite nominations. Last night at the Gala Reception at the Palais Ferstel, to the warm approval of everyone, the Board took great pleasure in announcing that **Ken Osborne** was this year's winner of the 2004 award for the **Outstanding Contribution to TETRA**.

### Focus on details

Ken, currently the Technical Standards Manager for Airwave mmO2 Ltd in the UK, has contrib-

uted to the progress of TETRA on a number of levels for many years. He was the Secretary of the Operator and Users Association (OUA) for some time, an MoU Board member for two years and is a member of ETSI Working Group 1 (WG1) whose principal focus is collecting user requirements for the standard.

TETRA has much to thank Ken for – as well as his comprehensive knowledge of the standard and his insight of the needs of users in a wide range of markets; he is perhaps best known for his eye for detail. Known affectionately as 'Mr dot the i and cross the t', Ken is a stickler for detail! When drafting complex technical or commercial documents, the accuracy of language is vital to ensure correct inter-

*'Mr dot the i and cross the t', otherwise known as Ken Osborne, winner of the 2004 Outstanding Contribution to TETRA award*



pretation or implementation at a later date. Ken's focus and clarity of thought reviewing complex documents is a much respected skill and has contributed significantly to the 'behind the scenes' success for TETRA.

### Best Exhibition Stand

Congratulations also went to Zenitel who won the exhibition award. The judges not only liked the look of their stand, but were impressed by the helpfulness and knowledge of the staff.

## TWC – back to the future

2005 World Congress will be in Germany

Next year's TWC will be held in Frankfurt, Germany. The very first TETRA World Congress was held in Berlin, so this is a timely and appropriate return to Germany for the World Congress given the focus on renewal of the Public Safety networks in that country. The dates for next year will be from Monday November 28th to Thursday December 1st. The format will provisionally be similar to this year's event – seminars on Monday, the main Congress from Tuesday to Thursday and Masterclasses on Thursday afternoon.

The event will take place in The Forum, which is part of the Messe Frankfurt complex, a pur-

pose built conference and exhibition centre just a 15 minute subway ride from the centre of



the city. Tom Davies, IIR's TWC Conference Director said, "The Forum is a good venue. With the potential interest from German Public Safety users, this should ensure a high local and international mixture of delegates for the 2005 World Congress."

### Morning plenary session – main conference room

09:15 Introduction from the Chair, *Carl Schneider, Electrical Engineering Manager, City of Cape Town Local Government*

#### Customisation and Scalability

09:20 TETARUS: Examining the Russian Federal TETRA Project for Public Safety Authorities  
*Valery Degtyarev, Director, Project TETRA*

09:50 Using TETRA for the Development of a Transportable Airbase Infrastructure for the Swedish Air Force Rapid Reaction Unit  
*Hans Jonsson, Project Director, FMV, Sweden*

#### Future Proofing TETRA

10:20 Evaluating the Functionality of TETRA and GSM-ASCI for Public Safety and Security Group Calls  
*Simon Riesen, Solution Manager, Nokia*

10:50 Coffee and opportunity to visit the exhibition

11:30 Planning TETRA Networks to meet Future User Requirements  
*Mehdi Nouri, New Technologies Senior Manager, OTE & EPT WG4 Chair*

11:40 Panel discussion – TETRA Release 2, TEDS and Future Proofing TETRA  
*Leader: Phil Kidner*  
*Panellists: Mehdi Nouri – OTE, Jeppe Jepsen, Motorola, Reino Talarino, Nokia*  
*Max Zerbst – R&S Bick Mobilfunk, Malcom Quelch – Sepura*

12:20 Closing Address from the TETRA MoU Association

12:30 Lunch and final opportunity to view the exhibition

### Afternoon Masterclasses – from 14:00 to 17:30 with an appropriate break

Migrating to a New TETRA System, *Harald Ludwig, Project Manager TETRA, Frequentis*  
IP over TETRA and TETRA over IP, *Hannu Vilppunen, Nokia; Jose Manuel Martin, Teltronic and Dave Chater-Lea, Motorola*

The Challenge of Interoperability, *Charly Hengevoss, R&S Bick Mobilfunk*

TETRA QoS – Verifying Network Performance and Coverage, *Dr Brian Williams, Syntech Systems*  
Beyond the TETRA Technology, *Román Abadias, TETRA System Manager and Alfredo Calderón, TETRA Terminals Manager, Teltronic*

#### Evening Excursion

Informal coach trip to historic wine-growing village of Gumpoldskirchen village. Coaches leave Austria Center at 18:00 and return by 23:00



In this issue: Outstanding Contribution to TETRA award; 2005 TWC in Germany announced; New antenna products launched.

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## Double product launch from Sigma Wireless

Another new product launch here at the TWC 2004 has been from Sigma Wireless who announced the launch of their SWIFT HP (High Power) and their TETRA GPS Mobile Antennas. The SWIFT HP has been designed for public access and public safety applications. Offset and omnidirectional options are available, with a high power rating of 500 Watts. It is a new IMP rated and tested antenna with enhanced intermodulation performance. Rugged housing has been designed to withstand extreme conditions.

As the TETRA market develops within the transportation industry, Sigma Wireless has produced what they believe is a unique antenna solution incorporating other standards beautifully into a mobile profile antenna solution. The TETRA GPS mobile antenna is supplied as a fully assembled sealed unit, ready for fitting directly to the mounting

surface. Options include GPS, GSM and UMTS offering a highly neat, flexible and innovative antenna. Make sure you have visited them on stand D8 here before the exhibition closes later today.

## It's a fair cop for Sepura in the Netherlands

Sepura has won a contract to supply their award-winning SRP-2000 radios to the Royal Military Police in The Netherlands (KMar). This prestigious win has been achieved in conjunction with Getronics, Sepura's longstanding partner in The Netherlands. Following the pilot project for the Royal Military Police at Schiphol Airport in 2002, KMar has decided to supply its entire nation-wide force with the company's terminals. The contract will cover the supply of over

## Motorola turns C2K into 20K

Motorola has recently announced contracts to supply 20,000 TETRA radios to the Netherlands emergency services. Contracts have been awarded for terminals by 17 of the C2000 regions and 17 regions have chosen Motorola. The company believes this currently places them as the leading supplier of TETRA

subscribers in The Netherlands. After the successful introduction and operational use of the MTP700 TETRA radio by different C2000 regions, Guido Dukker, Project leader C2000 from the Amsterdam Fire Brigade, said: "The MTP700 is a very reliable radio and can be seen as a lifeline for their employees."

October 2004 saw the deployment of Motorola's latest radio, the MTH800, for use on C2000. The radio is already a great success in the UK with contracts awarded by all the Police Forces in Scotland and the Metropolitan Police in London. The company is now aiming to duplicate this UK success in The Netherlands.



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## High speed data on the fast track from Nokia

With TETRA Release 2 nearing completion, Nokia seem to be the first manufacturer to reveal their High Speed Data (HSD) strategy. Vice President Matti Peltola announced here in Vienna that the company's brand new HSD solution would

## Aerial Facilities in China

Two Mass Rapid Transport (MRT) TETRA system users, Shenzhen MTR and Nanjing MTR are to deploy Aerial Facilities latest technology for 800MHz band selective amplifiers and fibre amplifiers. The Shenzhen MTR has been fully tested and is expected to be fully operational by mid December whilst Nanjing is due to enter service within the next few months. Talk to them before the end of the show on stand C3 if you would like to know more.

“enable users to get everything that TETRA Release 2 ever meant.” The HSD solution is software based and will be downloadable to their TB3 Base Stations to offer up to 10x increase in transmission rates. His vision of a high speed future saw an evolution of typical services to cover the transmission of video streaming, high resolution images as well as a wide variety of real-time applications.

For impatient users, this would result in a typical database query with packet data that might take 10 seconds being reduced to approximately 1 second with the new HSD approach.

## Surrey Police investigated by Hyder

A review of in-house services has been carried-out by Hyder Consulting for the UK's Surrey Constabulary. Comparing the services against the integration requirements needed between

## Local electricity company moves faster with help from TETRA

*Wien Energie Emergency vehicles are fitted with TETRA radio systems working on a network supplied by Frequentis.*



*Thanks to their new communications, they will enjoy better access to information, when there is an emergency.*

## Great Wall of TETRA

A three site military system from Rohde & Schwarz is now installed next to the Great Wall of China. Chinese Military Observers use the system during manoeuvres in their training areas.



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# sepura

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