11<sup>th</sup> of May 2009

Bayerische Medien Technik GmbH

Pfälzer-Wald-Straße 32 D - 81539 München Tel.: 089 /45 11 51-11 Fax.: 089 /45 11 51-99 info@bmt-online.de www.bmt-online.de

Dear Sir or Madam:

In cooperation with TISA, Bayerische Medien Technik (bmt) will offer a one-day

# TPEG-Workshop "Getting in touch with TPEG" on the 23<sup>rd</sup> of June 2009 in Munich/Germany.

TPEG is a protocol developed by EBU in cooperation with the European Union which was designed to broadcast digital travel- and traffic information. The workshop is addressed to all engineering staff from the automobile industry, manufacturers of end-user devices, broadcast network providers, multiplexer manufacturers, service and programme providers and representatives from the broadcast industry. The workshop will be in English, and no previous experience with TPEG is required.

The speakers **Bev Marks** (Holly Blue Associates) and **Martin Dreher** (bmt) will present the following topics:

- Introduction to TPEG Technology
- TPEG Specifications
- TPEG Reception in Theory and Hands-on Session
- TPEG Service Design in Theory and Hands-on Session

Both speakers have been actively working on TPEG standardisation for more than 10 years and are members of several working groups.

You will find more details in the attached agenda. The admission fee is 780,00 Euro plus 19% VAT, which includes handouts and catering. Early Bird discount until the 25<sup>th</sup> of May 2009 is 100 Euro.

Please note that there is a minimum and a maximum number of participants for the workshop. Therefore we reserve the right to cancel reservations due to underor overbooking.

The Traveller Information Services Association (TISA) was established as a not-for-profit company to ensure an international framework for market-driven, co-ordinated, proactive implementation of traffic and travel information services and products based on existing standards such as RDS-TMC and TPEG. It also works towards the development and deployment of future standards and services. Learn more about TISA at <a href="https://www.tisa.org">www.tisa.org</a>.

Yours faithfully

Frank Strässle-Wendelstein Managing Director

Please note: For bookings until the 25<sup>th</sup> of May 2009 the admission fee is only 680,00 Euro plus VAT. Please use the attached form to make reservation. The invoice will be sent to you as confirmation.

Geschäftsführer: Dipl.-Volkswirt Frank Strässle-Wendelstein

Vorsitzender der Gesellschafterversammlung: Prof. Dr. Wolf-Dieter Ring, Präsident der Bayerischen Landeszentrale für neue Medien (BLM)

Amtsgericht München HRB 107318 Sitz d. Gesellschaft: München USt-IdNr: DE166758895

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# TPEG-Workshop "Getting in touch with TPEG" on the 23<sup>rd</sup> of June 2009 in Munich/Germany

Location: Bayerische Medien Technik GmbH

Pfaelzer-Wald-Strasse 32 D-81539 Munich / Germany

09:30 Registration and Coffee

10:00 Beginning of the Workshop

**History of TPEG** 

- the beginning in 1997

- projects around TPEG

- working groups around TPEG

### **Introduction to TPEG Technology**

- design principles

- TPEG compared to RDS-TMC

- TPEG transmission chain overview

#### **Coffee Break**

### TPEG Specifications - What is available, what is in the pipeline

- formats (XML/binary)

- Specifications published by ISO

- UML second generation specs

13:00 Lunch

14:00 Hands-on Session TPEG Reception

- analysis of TPEG service

#### **TPEG Service Design**

- TPEG transmission chain overview

- TPEG service infrastructure

**Coffee Break** 

**Hands-on Session TPEG Service Design** 

- setting up a full DAB-TPEG service

**Discussion and Final Questions** 

17:00 End

Optional:

17:30 bmt invitation to discussion and review with the speakers and

participants in a typical Bavarian beergarden - depending on the

weather and number of people interested



## Registration Form (please send by fax to ++49 89 45 11 51 99)

0	I will definitely take part in the TPEG workshop "Getting in Touch with TPEG" on the 23 <sup>rd</sup> of June 2009 in Munich/Germany		
0	Unfortunately I won't be able to attend		
0	Please send me further information regarding TPEG		
0	I'm a TISA-Member		
0	Please send me a list of hotels		
Name	-		
Company			
Street	-		
Postco	ode, Town		
Counti	ry _		
Phone	/Fax _		
E-mail	_		
Date	-		
Signat	ure _		