



INTERNATIONAL TELECOMMUNICATION UNION

**ITU-T**

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

**H.248.23**  
**Corrigendum 1**  
(03/2004)

SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS  
Infrastructure of audiovisual services – Communication  
procedures

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Gateway control protocol: Enhanced Alerting  
packages  
**Corrigendum 1**

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# **ITU-T Recommendation H.248.23**

## **Gateway control protocol: Enhanced Alerting packages**

### **Corrigendum 1**

#### **Summary**

ITU-T Rec. H.248.23 defines two packages that provide enhanced alerting and data transfer capabilities for H.248. This corrigendum corrects the following aspects:

- Erroneous checksum in examples;
- Endian encoding reference.

#### **Source**

Corrigendum 1 to ITU-T Recommendation H.248.23 (2003) was approved on 15 March 2004 by ITU-T Study Group 16 (2001-2004) under the ITU-T Recommendation A.8 procedure.

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Gateway control protocol: Enhanced Alerting packages

Corrigendum 1

6.3 Signals

6.3.1 Display with alerting

...

Additional parameters:

*Display Data Block*

ParameterID: ddb (0x0001)  
Type: Octet String  
Possible values: See description  
Description:

The Display Data Block contains the message data with any required checksum to be sent to the CPE. Binary encoding is the binary data itself, while text encoding shall carry the data as a big-endian encoded hex string (~~Annex B.3/H.248.1~~). For example, in North America for basic Caller ID, this would be the SDMF or MDMF construct, including the checksum. The default value is an empty data block which will be silently discarded by the gateway.

...

6.3.2 Generic data signalling

...

Additional parameters:

*Data Block*

ParameterID: db (0x0001)  
Type: Octet String  
Possible values: See description  
Description:

The Data Block contains the message data with any required checksum to be sent to the CPE. Binary encoding is the binary data itself, while text encoding shall carry the data as a big-endian encoded hex string (~~Annex B.3/H.248.1~~). The default value is an empty data block which will be acted upon as if there were data (such as playing a TAS tone to the set).

...

## 6.5 Procedures

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To apply standard ringing and signal the Caller ID information, the following signals descriptor is used:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A393139353535303030300708  
4A6F686E20446F65D5802001083035313831363135020A3931393535353030303007084A  
6F686E20446F65D8,pattern=1}}
```

...

For the UK, Caller ID info is delivered by ringsplashing the set, sending the DWA data, and then applying normal ringing. The signal this descriptor used is the following:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A393139353535303030300708  
4A6F686E20446F65D5802001083035313831363135020A3931393535353030303007084A  
6F686E20446F65D8,pattern=1}}
```

NOTE – This is the same as the previous example, since TAS should be provisioned for the gateway's location.

...

To perform Call Waiting ID (off-hook signalling), the descriptor is identical to the on-hook case:

```
Signals{andisp/dwa{ddb=802001083035313831363135020A393139353535303030300708  
4A6F686E20446F65D5802001083035313831363135020A3931393535353030303007084A  
6F686E20446F65D8,pattern=1}}
```

...

Binary encoding SHALL carry the binary data. Text encoding SHALL carry the data as a hex string (See Annex B.3/H.248.1) encoded as big-endian hex data.



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