

35
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Working Party XV/1
Specialists Group on Coding
for Visual Telephony

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Title: PEI and GEI bits

Source: UK, FRG, France, Netherlands, Norway, Sweden

The current specification uses the PEI and GEI bits to indicate the presence of optional data fields. Because these bits are in groups, a video demultiplexer is required to read them and then store them for later use. A much better solution is to indicate the presence of optional data fields by preceding each of them with one bit. Storage of results is no longer necessary as each bit can be acted upon immediately. There is no change in the total number of bits.

Proposal

Reposition the individual PEI and GEI bits so that each one immediately precedes the optional field to which it refers.

For example:

```
-----  
| TYPE1 | PEI(2 bits) | PARITY | PSPARE | GOB Data |  
-----  
Current configuration
```

```
-----  
| TYPE1 | PEI1 | PARITY | PEI2 | PSPARE | GOB Data |  
-----  
Proposed configuration
```