



COVERING NOTE

GENERAL SECRETARIAT OF THE INTERNATIONAL TELECOMMUNICATION UNION

Geneva, 3 October 2005

ITU – TELECOMMUNICATION
STANDARDIZATION SECTOR

Subject: Erratum 1 (10/2005) to

ITU-T Recommendation O.172 (04/2005), *Jitter and wander measuring equipment for digital systems which are based on the synchronous digital hierarchy (SDH)*

1) *At the end of "Introduction", add the following paragraph:*

"While functional and characteristic requirements are given for the measuring equipment, the realization of the equipment configuration is not covered and should be given careful consideration by the designer and user. In particular, it is not required that all features described in this Recommendation shall be provided in one piece of equipment. Users may select those functions which correspond best to their applications."

2) *In Clause 8.6.1 "Phase amplitude error", correct the formula as follows:*

$$\pm Q\% \text{ of setting } \pm 0.02 \text{ UIpp}$$

3) *In Clause 8.6.2, Table 4a/O.172 "Variable error (Q) of SDH tributary jitter/wander generation", modify column header:*

"Signal"

with

"Bit rate [kbit/s]"

4) *In Clause 10.6.2 "Calculation algorithm accuracy", modify the last sentence as follows:*

" ... where $Z_5(\mp T)$ is specified in Table 17 and T is the measurement period."

5) *In Clause 10.6.3 "Measurement result accuracy", modify the last sentence as follows:*

" ... where $Z_6(\mp T)$ is specified in Table 18 and T is the measurement period."

6) In Clause 10.7.2 "Calculation algorithm accuracy", modify the last sentence as follows:

" ... where $Z_7(T)$ is specified in Table 19 and T is the measurement period."

7) In Clause 10.7.3 "Measurement result accuracy", modify the last sentence as follows:

" ... where $Z_8(T)$ is specified in Table 20 and T is the measurement period."

and,

in Table 20/O.172 "Fixed error (Z_8) of frequency drift rate measurement result", modify column header as follows:

$$Z_8(T) \text{ (ns/s}^2\text{)}$$