COVERING NOTE

GENERAL SECRETARIAT INTERNATIONAL TELECOMMUNICATION UNION

Geneva, 29 June 2004

ITU – TELECOMMUNICATION
STANDARDIZATION SECTOR

Subject: Erratum 1 (06/2004) to

ITU-T Recommendation G.722.2 (07/2003), *Wideband coding of speech at around 16 kbit/s using Adaptive Multi-Rate Wideband (AMR-WB)*

In 5.2.5, Quantization of the ISP coefficients

Correct the text as follows:

...

... . The prediction residual vector $\mathbf{r}(n)$ is given by:

$$\mathbf{r}(n) = \mathbf{z}(n) - \mathbf{p}(n) \tag{22}$$

where $\mathbf{p}(n)$ is the predicted ~~LSF~~ISF vector at frame n. First-order MA prediction is used where:

$$\mathbf{p}(n) = \frac{1}{3}\hat{\mathbf{r}}(n-1) \tag{23}$$

where $\hat{\mathbf{r}}(n-1)$ is the quantized residual vector at the past frame.

...