ITU-T

M.830

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

## **MAINTENANCE:**

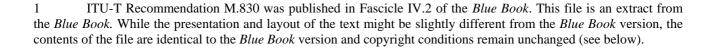
INTERNATIONAL TELEGRAPH SYSTEMS AND PHOTOTELEGRAPH TRANSMISSION

ROUTINE MEASUREMENTS
TO BE MADE ON INTERNATIONAL
VOICE-FREQUENCY TELEGRAPH
LINKS

ITU-T Recommendation M.830

(Extract from the Blue Book)

## **NOTES**



2	In	this	Recommendation,	the	expression	"Administration"	is	used	for	conciseness	to	indicate	both	a
telecomn	nuni	icatio	on administration and	d a re	ecognized or	perating agency.								

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## **Recommendation M.830**

## ROUTINE MEASUREMENTS TO BE MADE ON INTERNATIONAL VOICE-FREQUENCY TELEGRAPH LINKS

1 The routine maintenance measurements to be made in the two directions of transmission are measurements of level and overall loss/frequency distortion using a measurement signal of -10 dBm0 and noise.

The measuring frequencies are as follows:

- circuits providing an 18-channel telegraph system: 300, 400, 600, 800, 1020, 1400, 1900, 2400, 2600 Hz;
- circuits providing a 24-channel telegraph system: 300, 400, 600, 800, 1020, 1400, 1900, 2400, 3000, 3200, 3400 Hz.
- 2 If the nominal overall loss/frequency distortion exceeds the limits given in Recommendation M.810, any faults existing should first be removed, and the link should then be readjusted to within the limits given in Recommendation M.810.
- **3** Weighted and unweighted noise measurements should be made on the voice-frequency telegraph link at the time of the routine measurements of level as given in Recommendation M.820.