ITU-T

M.820

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

MAINTENANCE:

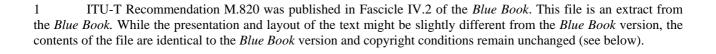
INTERNATIONAL TELEGRAPH SYSTEMS AND PHOTOTELEGRAPH TRANSMISSION

PERIODICITY OF ROUTINE TESTS ON INTERNATIONAL VOICE-FREQUENCY TELEGRAPH LINKS

ITU-T Recommendation M.820

(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.820

PERIODICITY OF ROUTINE TESTS ON INTERNATIONAL VOICE-FREQUENCY TELEGRAPH LINKS

- 1 The recommendations concerning the periodicity of routine tests on international telephone circuits given in Recommendation M.610 [1] are applicable to international voice-frequency telegraph links.
- In certain cases and by agreement between the Administrations concerned, routine maintenance measurements may be omitted if those Administrations so wish. This applies in particular where the Administrations concerned consider that the telegraph traffic may be seriously disturbed due to the lack of a suitable reserve circuit or reserve sections.
- Routine measurements of level at one frequency (1020 Hz) should be made at the intervals recommended for international telephone circuits (see Table 1/M.610 [2]).

Measurements at different frequencies should be made once every 12 months. Some Administrations make an annual reline of the voice-frequency telegraph link instead of routine measurements.

- 4 It is desirable that the maintenance measurements on the voice-frequency telegraph reserve circuit should be made just before the maintenance measurements on the normal circuit, so that the reserve circuit can replace the normal circuit while the latter is being tested.
- When several voice-frequency telegraph systems are in use between two repeater stations and if the maintenance measurements on the telephone circuits between these stations are spread over several days, the measurements on the circuits carrying the voice-frequency telegraph systems should also be spread over these days; this makes it easier to carry out the measurements on the voice-frequency telegraph circuits.
- 6 The periodicity of measurements on telephone circuits used as reserve circuits is as given in Table 1/M.610 [2].

For circuits providing reserve sections for an international voice-frequency telegraph link the periodicity of routine measurements will be agreed upon between the Administrations concerned.

A check should be made when suitable opportunities occur, to see that the limits shown in Tables A-1/M.810, A-2/M.810 and A-3/M.810 for the permissible power per telegraph channel are not exceeded.

References

- [1] CCITT Recommendation *Periodicity of maintenance measurements on circuits*, Vol. IV, Rec. M.610.
- [2] *Ibid.*, Table 1/M.610.