

SECTION 1D: RECOMMENDATIONS "INCORPORATED BY REFERENCE" INTO THE RADIO REGULATIONS AS REVISED BY THE WORLD RADIOCOMMUNICATION CONFERENCE 1995

RECOMMENDATION ITU-R SM.1135*

SINPO AND SINPFEMO CODES

(1995)

The ITU Radiocommunication Assembly,

considering

- a) the Final Report and recommendations of the Voluntary Group of Experts (VGE) to study allocation and improved use of the radio-frequency spectrum and simplification of the Radio Regulations (RR) which was established in accordance with Resolution No. 8 of the Plenipotentiary Conference (Nice, 1989) and continued its work in accordance with Resolution No. 8 of the Additional Plenipotentiary Conference (Geneva, 1992);
- b) that the 1995 World Radiocommunication Conference (WRC-95) will consider and adopt, as appropriate, proposals for the Simplified RR;
- c) that it would be advisable for all administrations to use the same signal reporting codes, and that the number of officially recognized codes must consequently be as restricted as possible;
- d) that the abbreviations in the Q code are in general inadequate for obtaining a clear idea of the quality of a transmission;
- e) that the SINPO code has been used for several years by some administrations;
- f) that the SINPO code gives a more accurate description of the transmission quality and is easy to use;
- g) that the SINPFEMO code is derived from the SINPO code by adding three letters relating to special features of telephone transmissions and is easy to use;
- h) that the information which is not included in the SINPO or SINPFEMO code may be transmitted satisfactorily by service message,

recommends

- 1 that the SINPO and SINPFEMO codes given in Annex 1 shall be used by administrations.

* Reference has been made to this Recommendation in the Radio Regulations (RR) as revised by the World Radiocommunication Conference 1995 (WRC-95). This will come into force on 1 June 1998.

ANNEX 1

SINPO and SINPFEMO codes

SINPO signal reporting code

Rating scale	S	I	N	P	O
	Signal strength	Degrading effect of			Overall rating
		Interference	Noise	Propagation disturbance	
5	Excellent	Nil	Nil	Nil	Excellent
4	Good	Slight	Slight	Slight	Good
3	Fair	Moderate	Moderate	Moderate	Fair
2	Poor	Severe	Severe	Severe	Poor
1	Barely audible	Extreme	Extreme	Extreme	Unusable

SINPFEMO signal reporting code

Rating scale	S	I	N	P	F	E	M	O
	Signal strength	Degrading effect of			Frequency of fading	Modulation		Overall rating
		Interference	Noise	Propagation disturbance		Quality	Depth	
5	Excellent	Nil	Nil	Nil	Nil	Excellent	Maximum	Excellent
4	Good	Slight	Slight	Slight	Slow	Good	Good	Good
3	Fair	Moderate	Moderate	Moderate	Moderate	Fair	Fair	Fair
2	Poor	Severe	Severe	Severe	Fast	Poor	Poor or Nil	Poor
1	Barely audible	Extreme	Extreme	Extreme	Very fast	Very poor	Continuously over-modulated	Unusable

Special remarks:

- a) A signal report shall consist of the code word SINPO or SINPFEMO followed by a group of five or eight numerals, rating, respectively, the five or eight characteristics of the particular signal code.
- b) The letter X shall be used instead of a numeral for characteristics not rated.
- c) Although the code word SINPFEMO is intended for radiotelephony, it may be used for radiotelegraphy.
- d) The overall rating for radiotelegraphy shall be as indicated in Tables 1 and 2.

TABLE 1

Overall rating	Mechanized Operations
5. Excellent	4-channel time-division multiplex
4. Good	2-channel time-division multiplex
3. Fair	Marginal single start-stop printer
2. Poor	BKs, XQs and call signs readable
1. Unusable	Unreadable