OPINION ITU-R 23-7[[1]](#footnote-1)\*

Observations needed to provide basic indices for ionospheric propagation

(1966-1970-1974-1982-1986-1995-1999-2016)

Op. ITU-R 23-6

The ITU Radiocommunication Assembly,

considering

a) that the 12-month running mean sunspot number *R*12 or alternatively the 12-month running mean value of , the 2 800 MHz solar radio noise flux (i.e. 12) be adopted as the preferred index to be used for predicting monthly median values of foF2 and M(3000)F2 over all time scales: substantially equivalent results should be obtainable by the use of either of these indices;

b) that 12 be adopted as the preferred index to be used for predicting monthly median values of foE and foF1 over all time scales,

is of the opinion

1 that the Sunspot Index and Long-term Solar Observations (SILSO) sponsored by the Observatoire Royal de Belgique be encouraged to continue determination and distribution of the international relative sunspot numbers;

2 that the Dominion Radio Astrophysical Observatory National Research Council (NRC), Penticton (Canada) should be encouraged to continue the necessary solar radio‑noise flux measurements.

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1. \* The Director of the Radiocommunication Bureau is requested to bring this Opinion to the attention of SILSO, NRC and the International Union of Radio Science (URSI). [↑](#footnote-ref-1)