

RECOMMENDATION ITU-R F.518-1

SINGLE-CHANNEL SIMPLEX ARQ TELEGRAPH SYSTEM

(Question ITU-R 144/9)

(1978-1994)

The ITU Radiocommunication Assembly,

considering

- a) that large areas of the world do not yet have the facility of being connected to the international telegraph network, although they have a potential need for the exchange of messages by telegraph;
- b) that the amount of traffic to be dealt with will initially be small and the distances to be bridged will usually be great; therefore, an HF radio system might best be suited to link an isolated station to one of the offices of the worldwide telegraph network;
- c) that use of automatic error correction ARQ can make the quality of the radio circuit comparable with that of landline connections;
- d) that to participate in the telex network, the direction of traffic flow should be instantly reversible;
- e) that the location of such isolated stations often does not permit the simultaneous use of the radio transmitter and radio receiver;
- f) that it may be useful to employ the same frequency in both directions of a circuit,

recommends

1. that the single-channel simplex ARQ telegraph system described in § 1.2 and 3 of Annex 1 of Recommendation ITU-R M.625 for the maritime mobile service, be utilized also for the HF fixed service.
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