

12.9.1 Introduction

The Interference Calculation Engine (ICE) is that part of the SEAMCAT architecture which calculates for generic victim receiver the probability of being impacted by the sum of the simulated interference power. The calculated result is commonly called "Interference probability" or "probability of interference", in fact it is the probability of exceeding the limit of one of the interference criteria given for the victim receiver.

Regarding the definition of the Radio Regulations (RR) Article 1.166

The effect of unwanted energy due to one or a combination of emissions, radiations, or inductions upon reception in a radiocommunication system, manifested by any performance degradation, misinterpretation, or loss of information which could be extracted in the absence of such unwanted energy.

Administrations may have to distinguish between permissible interference (RR 1.167) and accepted interference (RR 1.168).

Details of the interference calculation algorithm are given in ANNEX 2:.

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