

Annexure B of Form A 2

2.Reasons for the Proposed Amendment.

Field strength surveys and listener feedback reveal a persistent reception void of approximately seventy kilometres on the N2 between Mtunzini and the southern suburbs of Richards Bay. The Durban service on 99.5 MHz decays below protected-field strength near Mtunzini, while the Ulundi service on 94.7 MHz does not deliver a reliable signal until vehicles approach Richards Bay proper. Commuters travelling between Durban and Richards Bay therefore experience audio dropouts and loss of RDS functionality through Empangeni, Esikhawini and the adjacent industrial zone.

By introducing a 1 kW directional transmitter at Empangeni, Gagasi FM will lift the protected 60 dB μ V/m contour over the entire corridor, eliminate service interruptions and meet repeated audience requests for improved continuity. Propagation studies confirm that the installation remains spectrum-efficient and keeps interfering field strengths to below -66 dB μ V/m at all co-channel and adjacent-channel services.

