

GUIDE TO SECTION F OF APPLICATION FOR MOBILE SERVICE PROVIDER LICENCE

The following information provides clarification on the technical requirements to be met by the applicant for the mobile service provider licence. The technical requirements are specified in section F of the licence application form.

General

The mobile service provider provides public land mobile telecommunications services to customers through the switching and radio telecommunications infrastructure of an operator licensed under a mobile carrier licence and assigned radio spectrum through which public land mobile telecommunications services are provided.

The service proposed in the application for a mobile service provider licence must be technically sound and compatible with the requirements of the Telecommunications Act 2000. The applicant must demonstrate possession of or have access to the necessary competence to provide the proposed service.

1. Description of the Mobile Service

A detailed description of the proposed service to which the application relates, including how the service is supplied and any operational functions performed by the non-facilities-based applicant, e.g., provisioning of SIM cards, service activation/deactivation, etc. Details must include types of service offerings (voice and non-voice), the means and methods of customer access including dialling and call-setup procedures, frequency bands, data speeds, quality of service, and definition of the geographic service area to be covered by the applicant at the commencement of service operation.

2. Description of the Mobile Network

A description of the network systems through which the proposed services in 1. above are to be provided, including system configuration, architecture (equipment and infrastructure required for, switching, home location register, Intelligent Network systems, radio base stations, and transmission media, etc.) and operation (i.e., the general functions of the major network elements represented in a network diagram to provided in accordance with section F(3) of the application form), and how the system is interconnected with other public telecommunications networks/services.

3. Network Diagram

The Network diagram to be provided in accordance with section F (3) of the application form must show the major components of the mobile network to be used in the provision of the proposed service and must be consistent with the descriptive narrative required in section F (2) of the form. The diagram should illustrate end-to-end connectivity for a typical call. All network elements must be clearly and accurately labelled using standard industry nomenclature.