

Declaration on Frequency Utilisation for Fixed, Cellular, Earth Station and Fixed Wireless Access Services
CA/F/FSM/06B

INFORMATION ON FREQUENCY UTILISATION

This section relates to information on frequency utilization by the entity. The information to be provided is in relation to the systems deployed to interconnect own services and for services offered. These systems have been categorized as:

1. Fixed Radio Links
2. Cellular System
3. Earth Station & VSAT
4. Fixed Wireless Access (FWA)

The information provided should be filled in the format below.

The applicant should only complete parts that are applicable to their services.

Type of System	Description	Form to be completed
1. Fixed Radio Links	These are radio links that form part of the transmission network, point to point/point to multipoint for connecting cellular system base stations and for wireless backhauling of traffic by the operators.	Radio Link Return Form
2. Cellular System	These are cellular systems operated by the operator e.g. CDMA system	a) Cellular Systems Parameters Return Form and; b) Cellular Systems Cellular Infrastructure Return Form
3. Earth Station & VSAT		Earth Station/VSAT return form
4. Fixed Wireless Access (FWA)		Fixed Wireless Systems Return Form

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1. Fixed Radio Links

Link No	Link Name/ Classification	Site A ID	Site A Name	Site A Longitude (dd mm ss)	Site A Latitude (dd mm ss)	Site A Antenna Height (m)	Site A Antenna Polarisation (H/V)	Site A Equipment Make/ Model	Site B ID	Site B Name	Site B Longitude (dd mm ss)	Site B Latitude (dd mm ss)	Site B Antenna Height (m)	Site B Antenna Polarisation (H/V)	Site B Equipment Make/ Model	Region (District)	TX Freq w.r.A (MHz)	RX Freq w.r.A (MHz)	Link Configuration (X x Y)	Link Capacity (Mbps)	Link Bandwidth (MHz)	Operating Band (GHz)	System P-P, P-MP, Ring (etc)	
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								

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No	BSC ID	BSC Name	Site ID	Site Name	BTS ID	BTS Site Longitude (dd mm ss)	BTS Site Latitude (dd mm ss)	Cell Name	Cell ID	Number of TRX(S)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

**2a. Cellular Systems
Parameters**

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2b. Cellular Systems Infrastructure

No	Cell ID	MCC	MNC	BSIC	ARFCN	HSN	UARFCNDL	PRIMARY SC	LAC	RAC
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

Key: (2a & b)

NB: For purpose of clarity, please ensure that the first transmit channel of each cell to be entered is BCCH channel

Definitions

- Cell ID GSM/WCDMA Cell Identification
- LAC GSM/WCDMA Location Area Code
- RAC GSM/WCDMA Routing Area Code
- MNC GSM/WCDMA Network Mobile Network Code
- MCC GSM/WCDMA Network Mobile Country Code
- BSIC GSM Base Station Identification Code
- BCCH GSM Broadcast Control Channel
- ARFCN GSM Absolute Radio Frequency Channel Number (nb: Both BCCH & TCH Channels)
- UARFCNDL UMTS Absolute Radio Frequency Channel Number Downlink
- Primary SC Primary Scrambling Code
- HSN WCMA Hopping Sequence Number
- dd mm ss Degrees, minutes, seconds
- TRX Transmitter

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4. Fixed Wireless Access

No.	BSC ID	BSC Name	Cell Name	BTS Site ID	BTS Site Name	BTS Site Longitude (dd mm ss)	BTS Site Latitude (dd mm ss)	BTS ID	Sector No	Number of TRX(S)	Transmit Plan		RF Bandwidth (MHz)	Antenna Make/ Model	Antenna Carrier Power (W)	Antenna Gain (dBi)	Antenna Height (m)	Azimuth	Antenna Polarisation	Sector Coverage Radius (Km)	Distance from MSC (Km)
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1																					
2																					
3																					
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