

# POINT-TO-POINT FIXED LINK

Applicant Name \_\_\_\_\_

Applicant Reference \_\_\_\_\_

Request Type **Annual**

New

Modification

Deletion

Reallocate  Reconfigure  Update

Upgrade  Degrade

**Temp**

No. of required Months ( 1- 11 months)   
preferred effective date \_\_\_\_\_

Purpose of Request \_\_\_\_\_

Authorized Person: \_\_\_\_\_ e-mail: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

- 1 All fields are mandatory;
- 2 A non-refundable application fee of BD 30 is payable for all types of applications except for deletion requests irrespective of whether the application is approved or not
- 3 There is no reimbursement for any modified link.
- 4 This Form should be attached with the Frequency License Application Form(s) (Point to point Fixed Links); both forms should be provided together
- 5 The information requested on this Form is being collected by TRA and is to be processed for the purpose of approving this application and issuing frequency.
- 6 Applicants should note that:
  - Information provided by them may be made available to other government departments and entities;
  - Information provided in the answer to the questions in this application form may be passed to international bodies or other governments in accordance with commitments entered into by the government of the Kingdom of Bahrain.  
It is an offence to knowingly make a false statement in support of this application and may lead to the licence being refused or revoked.
  - The authorized person is responsible of any communication between TRA and the Applicant in relation to invoicing or any required information.

## For Internal use only

Application fee BD 30

TRA Reference: \_\_\_\_\_

Date received: \_\_\_\_\_

Outstanding: Yes  No

Due Date: \_\_\_\_\_

Complete application: Yes  No

Due Date: \_\_\_\_\_

Date Complete: \_\_\_\_\_

Processing Date: \_\_\_\_\_



Frequency License Application Form (Point to Point Fixed Link)

Administrative Information	
Name of Licensee:	Name of Agent (if any):
Name of contact person:	Agency's contact person:
Address:	Address:
Telephone: Ext:	Telephone: Ext:
Fax:	Fax:
Email:	Email:

Color Codes<sup>1</sup>:

New

1

3

Modification<sup>2</sup>

1

2

3

Deletion

2

1 General Details (New or Modification)

Communication channel Type	Simplex	Duplex	Service Duration	<input type="checkbox"/> Annual	<input type="checkbox"/> Temporary		
if temporary please specify the period (month) & reasons:							
Radio path length	Preferred TX Frequencies for site A and Site B						
km	Preferred 1 Site A:1)	GHz 2)	GHz	Site B:1)	GHz 2)	GHz	
	Preferred 2 Site A:1)	GHz2)	GHz	Site B1)	GHz 2)	GHz	
Service Availability	99.9%	99.95%	99.99%	99.995%	99.999%	Other %	
Site Details							
Site A name:	Site A Status			Site B name:	Site B Status		
Site A ID:	New <input type="checkbox"/>	Existing <input type="checkbox"/>		Site B ID:	New <input type="checkbox"/>	Existing <input type="checkbox"/>	
Site A co-ordinates (WGS84) "DD.MM.SS"	Longitude	E	.	Site B co-ordinates (WGS84) "DD.MM.SS"	Longitude	E	.
	Latitude	N	.		Latitude	N	.

2 Details of an Existing Link for (Deletion or Modification)

DWLFM Link ID	Bandwidth	MHz	
Existing Frequency Site A	GHz	Existing Frequency Site B	GHz
Site Details			
Existing Site A name:	Existing Site B name:		
Existing Site A ID	Existing Site B ID:		
Site A co-ordinates (WGS84) "DD.MM.SS"	Longitude	E	.
	Latitude	N	.
Site B co-ordinates (WGS84) "DD.MM.SS"	Longitude	E	.
	Latitude	N	.

<sup>1</sup> Please fill in according to the color code.

<sup>2</sup> Old link will be deleted once modification (includes relocation, change of polarization, change of site ID, etc.) is approved; if the request is rejected; the old link will remain in database.



3 Device and Antenna Details (New or Modification)		
	Site A	Site B
Equipment manufacturer		
Equipment model number		
Bit rate (e.g. 34 Mbit/s, STM-1 etc.)		
Bandwidth Required in MHz		
Equipment Tuning Range	From Frequency (MHz): To Frequency (MHz):	From Frequency (MHz): To Frequency (MHz):
T/R Spacing (MHz)		
Class of Emission		
Nature of Service		
	SITE (A)	SITE (B)
Transmitter power/type (X,Y,Z)	dBm	dBm
Radiated power (E,I,V)	dBm	dBm
Polarization type	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Dual	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Dual
C/I (long term)	dB	dB
C/I (short term)	dB	dB
Feeder losses	dB	dB
Feeder length	Meter	Meter
System losses	dB	dB
Receiver sensitivity	dBm	dBm
Antenna Manufacturer		
Antenna Model		
Size of Antenna	Meter	Meter
Elevation angle of Maximum Direction	deg.	deg.
Azimuth of Maximum Radiation	deg.	deg.
Angle Width of Radiated Main Lobe	deg.	deg.
Height of Antenna Above Ground	Meter	Meter
Maximum Antenna Gain	dBi	dBi

ANTENNA PATTERN	SITE (A)						SITE (B)					
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.
				dB at		deg.				dB at		deg.

TX/RX-SPECTRUM MASK	SITE (A)						SITE (B)					
				MHz		dB -/+				MHz		dB
				MHz		dB -/+				MHz		dB
				MHz		dB -/+				MHz		dB
				MHz		dB -/+				MHz		dB
				MHz		dB -/+				MHz		dB
				MHz		dB -/+				MHz		dB