AUTORIDADE
NACIONAL DE COMUNICAÇÕES
TIMOR-LESTE

Edifício Central:
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Caicoli, Dili, Timor-Leste
Phone No: 3311415
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ES

GSO/NGSO Earth stations

FORM 1. GENERAL INFORMATION ON THE APPLICANT

U1. Full name of responsible person: _____

U2. Legal Entity

1. Name:
2. Country of registration:
3. C.R.No:

U3. Address and contact details:

1. Street:
2. No: 3. Suburb:
4. City (Area):
5. Telephone: 6. Mobile:
7. Fax:
8. E-mail:
9. Any other: _____

U4. Applicant's signature and title: _____

PURPOSE

☐ P1. **New** Frequency assignment;

☐ P2. **Suppress** of existing Frequency assignment;

☐ P3. **Modification** of existing Frequency assignment;

☐ P4. **Renewal** of existing Frequency assignment

P5a. Date (Date / Month / Year)

P6a. Serial No.: (Network ID / Serial)

P7a. User Code:

if the purpose of Application is other than Application for the New frequency assignment, please provide old:

P5b. Date (Date / Month / Year)

P6b. Serial No.: (Network ID / Serial)

P7b. User Code :

Other comments of the Applicant: _____

For official use only: _____

Any further action by ANC is subject to advance payment of Application Fee

FORM 2. CHARACTERISTICS OF THE EARTH STATION

A1e1. Type (Specific/Typical) ☐

A2a. Date of bringing into use — Day | Month | Year

A1e2. Name of the earth station

A1e3b. Geographical coordinates — Longitude: Degrees | E/W | Min. | Sec.; Latitude: Deg. | N/S | Min. | Sec.

A4c1. Associated space station

A4c2. Nominal orbital longitude — Degrees (.) | E/W

A7b. Elevation angle — Degrees (.)

A7c. Operating azimuthal angles — From (Degrees) (.) | To (Degrees) (.)

A7d. Altitude — Meters

A7a. Horizon elevation diagram (Attachment No)

A7a. Table of values for the horizon elevation

Azimuth	Elev. agle, deg.	Azimuth	Elev. agle, deg.	Azimuth	Elev. agle, deg.	Azimuth	Elev. agle, deg.
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General Notes: Data items that are related are grouped together in a box. For example, second page of transmitting earth station characteristics contains a box titled "Emissions common to the planned frequencies listed below". It is possible to specify 12 different emissions (with associated power and power density values) in this box. If there are more emissions, use another page of the same type to provide additional data, after checking (X) the field labeled "More emissions on next page" on the preceding page. In all cases where there is more information that can fit in a box, follow this.

FORM 3. TRANSMITTING EARTH STATION CHARACTERISTICS

CHARACTERISTICS OF THE ANTENNA

B1. Associated satellite receiving beam designation

Note: For a steerable beam, the last character of the beam designation shall be "R"

B5. Earth station antenna characteristics

a. Maximum isotropic gain (+/- dBi)

b. Beamwidth (Degrees)

A7f. Antenna diameter (m)

c2. Radiation pattern (give reference pattern or provide diagram)

c1. Antenna radiation pattern diagram

Attachment No:

For non-standard antenna provide:

Coeff. A (dBi) | Coeff. B (dBi) | Coeff. C (dBi) | Coeff. D (dBi) | PHI1 (Degrees)

INFORMATION COMMON TO THE FOLLOWING GROUPS (LISTS) OF PLANNED FREQUENCIES OF THIS ANTENNA

Special section AR11/A (RR1042) — Number

A R 1 1 / A /

Special section AR11/C (RR1060) — Number

A R 1 1 / C /

Special section ART.14 (RR1610) — Number

A R 1 4 / A /

Other special sections

	Reference	Number
(1)		
(2)		
(3)		
(4)		
(5)		

FOR OFFICIAL USE ONLY

A6/A7. COORDINATED WITH OR AGREEMENT REACHED WITH

RR Provision	Symbols of the Administrations concerned
R R	
R R	
R R	
R R	
R R	

A6/A7. COORDINATION REQUESTED WITH OR AGREEMENT SOUGHT WITH

RR Provision	Symbols of the Administrations concern
R R	
R R	
R R	
R R	
R R	

Notes on filling in the next pages: For each antenna you may provide one or more groups (lists) of planned frequencies, each group (list) having one set of common data that is applicable to one or more groups (lists) of frequencies of this antenna. For each group (list) of frequencies of this antenna, first fill in the set of common characteristics, followed by the group (list) of frequencies to which the set applies. Use as many pages as necessary.

CHARACTERISTICS COMMON TO THE FOLLOWING GROUP (LIST) OF PLANNED FREQUENCIES

C4a. Class of station

C4b. Nature of service

C6. Polarization type

if linear, provide angle in degrees

C3a. Requested band to be assigned (kHz)

C8g. Maximum aggregate power +/- dBW

EMISSIONS COMMON TO THE PLANNED FREQUENCIES LISTED BELOW

C7a. Designation of emission	C8a1/C8b1 *Max. peak power +/- dBW	C8a2/C8b2 *Max. power dens. +/- dBW/Hz	C8c1 Min. peak power +/- dBW	C8c2 Min. power dens. +/- dBW/Hz

* If max. peak power and max. power density values are of type C8b, check this box

More emissions on next page

Reason for min. peak power and min. power density (C8c) values being absent, see attachment No

GROUP (LIST) OF PLANNED FREQUENCIES HAVING THE ABOVE COMMON CHARACTERISTICS

C2a. Frequency to be assigned	**k/M/G** Hz	C2a. Frequency to be assigned	**k/M/G** Hz

More on next page

1. RECEIVING EARTH STATION CHARACTERISTICS

CHARACTERISTICS OF THE ANTENNA

B1. Associated satellite transmitting beam designation

Note: For a steerable beam, the last character of the beam designation shall be "R"

B5. Earth station antenna characteristics

a. Maximum isotropic gain (+/- dBi)

b. Beamwidth (Degrees)

A7f. Antenna diameter (m)

c2. Radiation pattern (give reference pattern or provide diagram)

c1. Antenna radiation pattern diagram see attachment No:

For non-standard antenna provide:

Coeff. A (dBi)

Coeff. B (dBi)

Coeff. C (dBi)

Coeff. D (dBi)

PHI1 (Degrees)

INFORMATION COMMON TO THE FOLLOWING GROUPS (LISTS) OF PLANNED FREQUENCIES OF THIS ANTENNA

Special section AR11/A (RR1042) — Number

A R 1 1 / A /

Special section AR11/C (RR1060) — Number

A R 1 1 / C /

Special section ART.14 (RR1610) — Number

A R 1 4 / C /

Other special sections

	Reference	Number
(1)		
(2)		
(3)		
(4)		
(5)		

FOR OFFICIAL USE ONLY

A6/A7. COORDINATED WITH OR AGREEMENT REACHED WITH

RR Provision	Symbols of the Administrations concerned
R R	
R R	
R R	
R R	
R R	

A6/A7. COORDINATION REQUESTED WITH OR AGREEMENT SOUGHT WITH

RR Provision	Symbols of the Administrations concerned
R R	
R R	
R R	
R R	
R R	

Notes on filling in the next pages: For each antenna you may provide one or more groups (lists) of planned frequencies, each group (list) having one set of common data that is applicable to one or more groups (lists) of frequencies of this antenna. For each group (list) of frequencies of this antenna, first fill in the set of common characteristics, followed by the group (list) of frequencies to which the set applies. Use as many pages as necessary.

CHARACTERISTICS COMMON TO THE FOLLOWING GROUP (LIST) OF PLANNED FREQUENCIES

C4a. Class of station

C4b. Nature of service

C6. Polarization type

if linear, provide angle in degrees

C3a. Requested band to be assigned (kHz)

C5b. Receiving system noise temperature

kelvins

EMISSIONS COMMON TO THE PLANNED FREQUENCIES LISTED BELOW

C7a. Designation of emission	C8e. C/N objective (total-clear sky) dB

More emissions on next page

GROUP (LIST) OF PLANNED FREQUENCIES HAVING THE ABOVE COMMON CHARACTERISTICS

C2a. Frequency to be assigned	**k/M/G** Hz	C2a. Frequency to be assigned	**k/M/G** Hz

More on next page