



TECHNICAL SPECIFICATIONS SATELLITE STATION RADIOCOMMUNICATIONS SYSTEMS

Form TS-SS

Instructions:

1. This form shall only be valid if submitted together with a completed Radiocommunications Licence Application (L1) form.
2. All sections of this form **must** be completed.
3. Only one (1) satellite earth station or VSAT shall be applied for on a single form. Where more than one (1) station requires a licence, separate TS-SS forms must be completed.
4. The submission checklist **must** be accurately completed

SUBMISSION CHECKLIST

Please ensure the following have been submitted:

ITEM	DESCRIPTION	Check Box if Submitted
Form TS-SS	Completed all sections	<input type="checkbox"/>
A	Signed letter from your satellite provider indicating: a. Applicant's access to capacity, Bandwidth of Transmit signal (Uplink) b. Transmit Centre frequency (Uplink), Receive Centre frequency (Downlink), c. Name and Orbital Position of Satellite	<input type="checkbox"/>
B1	Description of use of Radiocommunications system	<input type="checkbox"/>
B2	Copies of manufacturer's technical specifications for radio and antenna.	<input type="checkbox"/>
B3	End to end network diagram illustrating station location(s).	<input type="checkbox"/>
C	A Letter from technically responsible company/person, accepting responsibility for radiocommunications system, inclusive of a statement of qualifications and experience.	<input type="checkbox"/>

A. APPLICANT INFORMATION

Company:

Contact Person (Name and Position):

Mailing Address (Location, Street, P.O. Box, City/Town):

Telephone:

Facsimile:

Email:

B. STATION DETAILS

1. Earth Station Characteristics

Type of Earth Station: VSAT (Telecommunications) VSAT (Telemetry) Earth Station
 Commercial TVRO Other

Make/Manufacturer

Model

Frequency Band of Operation
(e.g. C, KU, L Band)

Hours of operation

B. STATION DETAILS (CONTINUED...)**2. Transmitter (NOT APPLICABLE FOR TELEVISION RECEIVE ONLY (TVRO) STATIONS)**

Center Frequency (MHz)		
Polarisation		
Bandwidth (KHz)		
Frequency Range of Operation	From (MHz):	To (MHz):
ITU Class of Emission Designator		
EIRP (dB Watts)		

3. Receiver

Receive Centre Frequency (MHz)	
Bandwidth of receive signal (KHz)	
Polarisation	
Minimum Elevation Angle (Deg above horizontal)	
Height of antenna above ground level(metres)	

4. Antenna

Antenna Manufacturer	
Antenna Model	
Type of Antenna	
Antenna Diameter (metres)	
Antenna Gain (dBi)	
Azimuth	
Power to Antenna (Watts)	
Antenna Beamwidth (3 dB) (Degrees)	<i>Horizontal:</i> _____ <i>Vertical:</i> _____

B. STATION DETAILS (CONTINUED...)**5. Location**

Earth Station Site Name/ID	
Site Address	
Latitude	
Longitude	
Site Elevation above sea level (metres)	
Name of Space Satellite	
Orbital Position (Deg E or W)	

C. TECHNICAL RESPONSIBILITY

The applicant must identify the technical staff or contractors responsible for the design, implementation and maintenance of the radiocommunications equipment.

Please check box below if the Applicant is technically responsible for radiocommunications system: **Design and Implementation:** **Maintenance:**

If "No" for any of the above, please complete parts 1 and/or 2 below.

Note: A letter must be included from the company/person accepting technical responsibility for the design and implementation and/or maintenance of the applicant's radiocommunications equipment, including the qualifications and experience of the technically qualified company/person.

1. Design and Implementation

Company:		
Contact Person (Name and Position):		
Mailing Address (Location, Street, P.O. Box, City/Town):		
Telephone:	Facsimile:	Email:

2. Maintenance (Check box if the same as above, otherwise complete below)

Company:		
Contact Person (Name and Position):		
Mailing Address (Location, Street, P.O. Box, City/Town):		
Telephone:	Facsimile:	Email:

Section G DECLARATION AND SIGNATURE

I, the undersigned, do hereby declare that the information provided in this application is correct and accurate to the best of my knowledge. I acknowledge and agree that submitting an application to the Telecommunications Authority of Trinidad and Tobago does not mean that a licence will be granted, and that consideration of this application is a matter for the exercise of the Authority's discretion acting in accordance with the Telecommunications Act, 2001. If the licence is granted, I am fully aware of all the obligations and conditions associated with the licence. I understand that in processing this application, the Authority may undertake such investigations as it considers appropriate to verify the information submitted and/or to assess the background or suitability of any person involved or to be involved in any permission or authorisation hereby applied for, and I hereby expressly consent for myself and on behalf of the applicant(s) and all such persons, to the carrying out by the Authority of such investigations. I confirm that I am duly authorised by all the relevant persons to make this declaration.

Name of individual authorised to sign on behalf of company (Block Capitals):

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Position:

Signature:

Date: