



Government of Barbados

**This Policy is in accordance with Sections 4(b)
and
4(h) of the Telecommunications Act 2001-36**

**Barbados Radio Frequency (RF) Transmitting
Antenna Inspection Policy.**

15 August 2003



Barbados Radio Frequency Transmitting Antenna Inspection Policy.

Policy in accordance with sections 4 (b) and (4) (h) of the Telecommunications Act 2001-36.

Licensees approved by the Town Planning Department are required to notify the Telecommunications Unit in the Ministry responsible for Telecommunications when they erect and begin to transmit from Radio Frequency Transmitting Antennae.

The information required by the Telecommunications Unit is as follows: -

- (1) Antenna Location
- (2) Latitude in Degrees - Hours - Minutes (N/S)
- (3) Longitude in Degrees - Hours - Minutes (E/W)
- (4) Antenna Structure Height
- (5) Elevation (Metres above mean sea level)
- (6) Is Antenna transportable Yes or No
- (7) Radius of Operation
- (8) Manufacturer
- (9) Model
- (10) Antenna Type
- (11) Antenna Diameter (m)
- (12) Frequency Range (MHz)
- (13) Height above Ground Level (m)
- (14) Gain (dB)
- (15) 3 dB Beam width (degrees)
- (16) Connector or Branching Loss (dB)
- (17) Elevation Angle (degrees)
- (18) Antenna Radiation Diagram (co-polar & cross-polar)
- (19) Call Signs where applicable
- (20) Radiation Level
- (21) Date Antenna brought into service
- (22) Estimated Radiated Power (dBW)
- (23) Mid Band Gain (dB)

The above list is not exhaustive

Licensees who are already transmitting from existing Antennae are also required to submit the above information.

The Telecommunications Unit will carry out annual announced and unannounced inspections at all Antenna sites in Barbados to ensure compliance and to determine the RF Radiation limits are being adhered to.

The penalties for non-compliance are detailed in Section 94 of the Telecommunication Act 2001-36.

**Issued by: The Minister responsible
for Telecommunications
15 August 2003**