

# Repeater Procedures Cheat Sheet

by Chrismoyo via cheatography.com/33769/cs/11147/

#### **ACCESS CONTROL**

# **ACCESS** CONTROL

When attending to a repeater ,or pop these are the steps to

- 1. Contact NOC or Support and sign up for keys.
- 2. Carry a valid Company Identification.
- 3. If the site contacts are available the Engineer should ask NOC / SUPPORT to inform the building management of the pending visit and its purpose. (Some buildings require a letter before allowing Access, the technical coordinator will prepare it on request);
- 4. Visit the site with a car clearly to identify the company.
- 5. On arrival to the site the engineer should present the relevant particulars ( Letters /ID) to the building management and security officers for approval.
- 6. When Access is granted, proceed with the work.

#### Completion of tasks

- 1. Make sure the door is shut and locked up..
- 2. Surrender the keys to NOC/SUPPORT
- 3. Sign out of the log book.

#### HOUSEKEEPING

#### **EVERYDAY HOUSEKEEPING**

# **REPEA**

1. COOLING - Make sure the repeater is cool (ceiling fan and/or air conditioner working). If not escalate to SUPPORT /NOC to follow up.

TER internal

- 2. LABELLING After installation of radio or indoor units. Make sure all cables are clearly labelled.( patch cables, power cables, power units).
- 3. CLEANSINESS always leave place in tidy manner, better than you found it (throw away all trash and all unwanted components).

#### **REPEA**

TBA

TER -

Tower

#### **SCHEDULE MAINTENANCE**

### SCHEDULE

MAINTENA NCE

Scheduled maintenance is to be carried out at regular periods, at least once every year for each REPEATER OR POP.

#### **TASK SHEET**

- **REPEATER** / 1. **Dust** -Blow the dust from all active components.
- 2. Labelling labelling all components.
- 3. Sweeping The floor area should always clear of any particles and objects.

# **ELECTRICA**

- 1. AIR CONDITIONER Cleaning of the Air conditioner by qualified technicians.
- 2. BATTERY Maintenance and measurement of the
- 3. INVERTER conditional check

#### **TOWERS**

1. All towers to be regularly assessed for rust and painted if condition necessitates

#### **TROUBLESHOOTING**

#### **SCENARIO 1**

# POWER MONITOR

If the power monitor is **DOWN** for more than 6 hours

#### SOLUTION

Contact the building management send an engineer to attend

### **CHECK**

- 1. Electricity source (Tanesco)
- 2. MCB for a Tripped Circuit.
- 3. Faulty AVS/AVR.
- 4. FAULTY power monitor (router) if everything else ok.

If problem is found with the above escalate to electrician

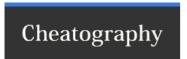
### **SCENARIO 2**

# **GENERAL POWER**

In the case of a general power failure.

- **FAILURE**
- 1. Check the power source for the switch and the state of switch.
- 2. Check status of UPS plugged into the switch.





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# **TROUBLESHOOTING (cont)**

- 3. Check the INVERTER functionality. (LED)
- 4. Check the **BATTERY** source.
- 5. Check the AVS/AVR
- 6. Check the power availability.

IF any problem is found with any of the above escalate to the electrician or NOC/SUPPORT

### **SCENARIO 3**

POWER

1. Check the UPS

**Fluctuations** 

- 2. Check the INVERTER.
- 3. Check the **BATTERY** source.
- 4. Check the **POWER SOURCE** for low voltage.

WIMAX BSDU If the WIMAX Bsdu goes down. check power supply unit. and replace.



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