

```

1: unit PCCommand;
2:
3: {$mode objfpc}{$H+}
4:
5: //=====
6: //
7: //   PCCommand.pas
8: //
9: //   Description: This routine sets the RF Power level for the selected band. This will
10: //                set the RF Power temporarily. The RF Power will return to the configured
11: //                power level whenever a channel is changed or a VFO frequency is selected.
12: //                For a permanent change the channel must be re-configured.
13: //
14: //                Command format is PC Band,PwrLvl where band is gcstrUHF or gcstrVHF
15: //                and PwrLvl is gcstrRFPowerLow, gcstrRFPowerMedium or gcstrRFPowerHigh.
16: //
17: //   Calls: AppConstants
18: //           AppVariables
19: //           LCDDisplay : DisplayUHFRFPowerStatus
20: //           SerialStuiff : SendCommand
21: //
22: //   Called By: Main : TfrmMain.btnRFPowerClick
23: //
24: //   Ver: 1.0.0
25: //
26: //   Date: 9 Dec 2013
27: //
28: //=====
29:
30: interface
31:
32: uses
33:   Classes, Dialogs, SysUtils,
34:   // Application Units
35:   AppConstants, AppVariables, LCDDisplay, SerialStuff;
36:
37: procedure ToggleRFPower;
38:
39: implementation
40:
41: procedure ToggleRFPower;
42: begin
43:   case gvstrPTTBand of
44:     gcstrUHF : begin
45:       case gvstrUHFRFPower of
46:         gcstrRFPowerLow : gvstrUHFRFPower := gcstrRFPowerMedium;
47:         gcstrRFPowerMedium : gvstrUHFRFPower := gcstrRFPowerHigh;
48:         gcstrRFPowerHigh : gvstrUHFRFPower := gcstrRFPowerLow;
49:       end;// case gvstrUHFRFPower
50:       SendCommand('PC',gcstrUHF + ',' + gvstrUHFRFPower);
51:       DisplayUHFRFPowerStatus;
52:     end;// gcstrUHF
53:     gcstrVHF : Begin
54:       case gvstrVHFRFPower of
55:         gcstrRFPowerLow : gvstrVHFRFPower := gcstrRFPowerMedium;
56:         gcstrRFPowerMedium : gvstrVHFRFPower := gcstrRFPowerHigh;
57:         gcstrRFPowerHigh : gvstrVHFRFPower := gcstrRFPowerLow;
58:       end;// case gvstrVHFRFPower
59:       SendCommand('PC',gcstrVHF + ',' + gvstrVHFRFPower);
60:       DisplayVHFRFPowerStatus;

```

```
61:         end;// gcstrVHF
62:     end;// case gvstrPTTBand
63: end;// procedure Toggle RFPower;
64:
65: end.// unit PCCommand
66:
```