

## Appendix E: 'ClearPZT' PROGRAM

This program is a part of the RSIM software and serves to clear all acquired data from the active workbook (files: PZT 1 through 5). It resides in the 'CLEAR' sheet in the file 'PZT-ALL' and is written in Visual Basic for Applications (VBA).

```
'  
' ClearPZT Macro  
' Clears ALL ACQUIRED DATA from the ACTIVE workbook (PZT 1 through 5).  
'  
Sub ClearPZT()  
    Msg = "Are you sure you want to clear ALL AQUIRED DATA in this file?"  
    DialogStyle = vbYesNoCancel + vbCritical + vbDefaultButton1  
    Title = "VERIFY"  
    Response = MsgBox(Msg, DialogStyle, Title)  
    If Response = vbYes Then  
        Sheets("Settings").Select  
        Range("B6").Select  
        ActiveCell.FormulaR1C1 = "1"  
        Range("B9").Select  
        ActiveCell.FormulaR1C1 = ""  
        Sheets("Metric-ASD").Select  
        Selection.Delete  
        Sheets("Metric-CORR").Select  
        Selection.Delete  
        Sheets("A Vs. Freq.").Select  
        Selection.Delete  
        Sheets("B Vs. Freq.").Select  
        Selection.Delete  
        Sheets("Data(A)").Select  
        Range("E6").Select  
        Range("E6:IV2005").Select  
        Selection.ClearContents  
        Range("F5:IV5").Select  
        Selection.ClearContents  
        Range("H2:IV3").Select  
        Selection.ClearContents  
        Range("E1").Select  
        Sheets("Data(B)").Select  
        Range("E6").Select  
        Range("E6:IV2005").Select  
    End If  
End Sub
```

```

        Selection.ClearContents
        Range("F5:IV5").Select
        Selection.ClearContents
        Range("H2:IV3").Select
        Selection.ClearContents
        Range("E1").Select
        ActiveWindow.SmallScroll ToRight:=-4
        Sheets("COPY1").Select
        Range("A5").Select
        Range("A5:B2005").Select
        Selection.ClearContents
        Range("A1").Select
        Sheets("Settings").Select
        Range("B2").Select
    Else
        End
    End If
,
    Msg = "Do you want to SAVE the active workbook?"
    DialogStyle = vbYesNoCancel + vbQuestion + vbDefaultButton1
    Title = "SAVE?"
    Response = MsgBox(Msg, DialogStyle, Title)
    If Response = vbYes Then
        ActiveWorkbook.save
    Else
        End
    End If
,
,
End Sub

```