Easily read .RES files with RESVIEW.BAT

Problem:

The RES file is not in a text format. Therefore, it is difficult to read. We need an easy way to view the result data from any inspection.

Solution:

You can use the TRDUMP command to view the data in the Result (.RES) files. The RES files contain the measurement data as well as the defect data. The attached file TRDUMP.TXT is the help output from TRDUMP -?. It gives the available options for TRDUMP.   TRDUMP is not an intuitive program, and must be run from a DOS window.

The attached batch file RESVIEW.BAT can be used to easily invoke TRDUMP from NT Explorer. Put the .BAT file in your *WINNT\Profiles\<login name>\SendTo* folder.

Go to the 5DX\RES folder and Right Click on the RES file you wish to view. Then *Send To* Resview.bat. You will see the text output of the RES file.   It might be slow the first time you try it or it might not work the first time. RESVIEW usually works subsequent times.

The active command line in RESVIEW is: **trdump -t%1 –r.**   It can be modified to use any parameter the user wishes. The user can edit the batch file if he wants to view different data.

Create a separate batch file from the text below RESVIEW.BAT at the end of this technote. Put that file in the SEND TO folder.

Attached files:

TRDUMP.TXT

```
TR File Dump Utility  Copyright (C) 1993, Four Pi Systems Corp.
USAGE: trdump [-t<TR file>] {-f<filter>|[-s<search method>]} [-d]
            [-j<start SJ #>] [-m] [-n] [-h] [-r]
Options:
   -t  Specify path of test results file.  Default=Latest TR file.
   -f  Specify path of source filter file.
   -s  Specify search method for no-filter mode.  Default=0
       0: All  1: SPC  2: Defect  3: Defective
   -d  Do not include diag results.  Default=Include diag results
   -j  Specify start SJ number.  Default=0
   -m  Specify a mask for reporting results.  Default=$FFFF
       $0001: SJ number
       $0002: Characteristic key


       $0004: Defect degree
       $0008: Number of measurements
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        $0010: Measurement key
        $0020: Measurement value
        $0040: Measurement unit
    -n  Specify name table name.  Default=FOUR_PI
    -h  Do not report TR file header.  Default=Report header
    -r  Report results.  Default=Do not report results
    -o  Report occurrence tables.  Default=Do not report occurrence tables
```

RESVIEW.BAT

```
@echo off
rem    ---------------
rem    RESVIEW.BAT
rem    by Don Ide
rem    2/15/00
rem    ---------------

IF %1BLANK EQU BLANK GOTO OOPS
trdump -t%1 -r > c:\RES.TXT
vs c:\RES.txt
GOTO END

:OOPS
echo.
echo    RESVIEW.BAT - Don Ide  2/15/00
echo.
echo    ERROR! - no filename parameter
echo.
echo.
echo USAGE: You must invoke this from EXPLORER.
echo Put this BAT file in your SENDTO folder.
echo Right click the RES file, SENDTO this BAT.
echo.
echo.
echo.
echo.
echo.
echo.
echo.
pause

:END
```