[On June 19 changes to 40 CFR 180 are published in the Federal Register. We make the changes to plaintext L:\40\40V26 and save as 40V26.DOC. On June 20 we review the work and save the file as 40V26.TXT. We *vparse* the file to send to GPO that evening. The changes show up in the e-CFR June 21 current as of June 19.]

[At the command prompt: *vparse TTVVV (MMDD)*]. [We’re not wedded to the DOS prompt. A pop-up fill-in box from an icon would be okay]

[40V26 is passed by %1 and 0619 is passed by %2.]

[The new filename of the parsed file determines where the file is integrated into the CFR. Filename is TTVVMMDD.0YY, where TT is title number, VV is volume number, MM is month, DD is day, and YY is year. On 6/20 we would be sending 40260619.018]

[Declaring variable types]

**LONGINT liDATE**

**INTEGER iTT,iLEN,iA**

**STRING sT,sTT,sV,sVV,sDD,sMM,s0YY,sSUB,sTXT,sDOC,sVOL,sBOOK,sDATE,sCDIR,sCDRV**

[Take a snapshot of where the user is now]

**sCDIR:=CURRENTDIR**

**sCDRV:=CURRENTDRIVE**

[Place user in L:\, where the books are located. UNC path is \\hqnapdcm0734\OFR\e\_cfr]

**SYSTEM "L:"**

[User has entered filename to be processed and it is fed into the following variables.]

sBOOK:="%1"

[Cap “V”]

sBOOK:=UPPERCASE sBOOK

[Test against entry errors, e.g. 400v26, 4v][5V1 is valid, 40V26 is valid]

**iLEN:=LENGTH sBOOK**

**IF ((iLEN<3) OR (iLEN>5))**

**SAY@10,22"Re-enter the volume number correctly"**

**PAUSE**

**BYE**

**END**

[on the left of the V is the title, 1 or 2 digits; on the right, the volume number, 1 or 2 digits]. [See Newvols57.doc for structure of current list of volume filenames].

**SELECT iLEN FROM**

**[filename = 4v1]**

**CASE 3:**

**sT:=MIDSTR sBOOK,1,1**

**sV:=MIDSTR sBOOK,3,1**

**sTT:="0"+sT**

**sVV:="0"+sV**

**[Filename = 7v10, 40V3]**

**CASE 4:**

**iTT:=STRTONUM sBOOK**

**sT:=INTTOSTR iTT**

**iLEN:=LENGTH sT**

**IF iLEN==1**

**sTT:="0"+sT**

**sVV:=MIDSTR sBOOK,3,2**

**END ELSE**

**sTT:=sT**

**sV:=MIDSTR sBOOK,4,1**

**sVV:="0"+sV**

**END**

[Filename = 40v26]

**CASE 5ccount for:**

**sTT:=MIDSTR sBOOK,1,2**

**sVV:=MIDSTR sBOOK,4,2**

**END**

[By default, date is day previous to this processing.

[Effective date of file being sent to GPO is supplied by creation date of the file L:\Apps\ECFRDATE, which is created when a day’s worth of files is sent to GPO. On June 19 files were sent to GPO and ECFRDATE was created 6/19. On June 20 we’re sending 40V26, changes effective 6/19. This is done to account for 2- and 3-day weekends (and other holidays).]

**liDATE:=FILECHANGEDDATETOLONG "L:\APPS\ECFRDATE"**

**sDATE:=LONGTODATESTR liDATE**

**sMM:=MIDSTR sDATE,1,2**

**sDD:=MIDSTR sDATE,4,2**

**s0YY:=MIDSTR sDATE,8,3**

**s0yy:="."+s0YY**

[If a date other than the default date is desired, an optional date is supplied and %2 has a value to pass]

**IF "%2"<>""**

**sDATE:="%2"**

**sMM:=MIDSTR sDATE,1,2**

**sDD:=MIDSTR sDATE,3,2**

**END**

[Variables filled. There must be a .TXT file before vparse can function]

**sSUB:="L:\"+sTT+"\"**

**sTXT:=sSUB+sBOOK+".TXT"**

**sDOC:=sSUB+sBOOK+".DOC"**

**sVOL:=sTT+sVV+sMM+sDD**

**SYSTEM "CD \"+sTT**

[Is there a L:\40\40V26.TXT?]

**IF EXIST sTXT**

**sTXT:=sSUB+sBOOK+".TXT"**

**CLS BRIGHT YELLOW ON BLACK**

**TEXT BRIGHT YELLOW ON BLACK**

[Clear working area from any files from previous NSGMLS parsing activity]

**IF EXIST "C:\TEST"**

**SYSTEM "DEL C:\TEST"**

**END**

**IF EXIST "C:\ERROR"**

**SYSTEM "DEL C:\ERROR"**

**END**

**IF EXIST "C:\MICROCOM\PARAM\OFRPC\*.\*"**

**SYSTEM "DEL C:\MICROCOM\PARAM\%NODE\_NAME%.\* > NUL"**

**END**

[Quit routine if expected file is not found or ready for processing]

**IF EXIST sTXT**

**SAY@10,28"<BLINK>Parsing ";sTXT**

**SYSTEM "COPY "+sTXT+" C:\TEST > NUL"**

**END ELSE**

**CLS BRIGHT RED ON BLACK**

**TEXT BRIGHT RED ON BLACK**

**SAY@10,33"<BLINK>File not found"**

**PAUSE**

**BYE**

**END**

**SYSTEM "CD \NSGMLS"**

**SYSTEM "\nsgmls\nsgmls -e -fC:\ERROR -g -m\public\catalog -s -u \nsgmls\congrec.dec \nsgmls\cfrdoc.dtd C:\TEST"**

**iA:=FILESIZE "C:\ERROR"**

[If file does not parse, error message produced and displayed and exit routine]

**IF iA>10**

**SYSTEM "BROWSE C:\ERROR"**

[Subroutine quits and exits program]

**BYE**

**END**

**CLS BRIGHT GREEN ON BLACK**

**TEXT BRIGHT GREEN ON BLACK**

**SAY@10,30"Parses successfully"**

**WAIT 30**

[This indicates that vparse could be used just to test a file]

**CLS BRIGHT CYAN ON BLACK**

**TEXT BRIGHT CYAN ON BLACK**

**SAY @10,23"Send the book to L:\HOLDING? ";**

**SAY "(<BRIGHT GREEN><BLINK>Y<NORMAL>/<BRIGHT RED><BLINK>N<NORMAL>)"**

**GETYN**

**CLS BRIGHT GREEN ON BLACK**

[If Yes]

**IF ERRORLEVEL 1**

**SYSTEM "L:"**

**sDOC:=sSUB+sBOOK+".DOC"**

**sOUT:=sTT+sVV+sMM+sDD+".OUT"**

**SYSTEM "CD \"+sTT**

[L:\40\40V26 is now useless and is deleted]

**SYSTEM "DEL "+sSUB+sBOO]K**

[Copy 40V26.txt to 402606[19.018

**SYSTEM "COPY /v "+sTXT+" "+sVOL+s0YY**

[Delete L:\40\40V26.TXT]

**SYSTEM "DEL "+sTXT**

[Copy the file to L:\Holding, where it will be GPO Parsed and from which it is sent to GPO]

**SYSTEM "COPY /v "+sSUB+sVOL+s0YY+" L:\HOLDING"**

[Copy the file to L:\40\x40 (Archive)]

**SYSTEM "COPY /v "+sSUB+sVOL+s0YY+" L:\"+sTT+"\X"+sTT**

[Copy L:\40\40V26.DOC to L:\40\x40 (Archive)]

**SYSTEM "COPY /v "+sDOC+" "+sSUB+"x"+sTT+"\"+sVOL+".DOC"**

[Delete L:\40\40V26.DOC]

**SYSTEM "DEL "+sDOC**

[Create the new plaintext L:\40\40V26]

**SYSTEM "COPY /v "+sSUB+sVOL+s0YY+" "+sBOOK**

[Delete the now excess 40260619.018]

**SYSTEM "DEL "+sSUB+sVOL+s0YY**

**BYE**

**END ELSE**

[4V26 is a valid filename in form but not one that exists or the one we’re working on. . Here is where that error is caught]

**CLS BRIGHT RED ON BLACK**

**TEXT BRIGHT RED ON BLACK**

**SAY@10,33"<BLINK>File not found"**

**PAUSE**

[Subroutine quits and exits program]

**BYE**

**END**

[Subroutine quits and exits program]

**SUB BYE**

[Return editor to wherever s(he) was]

**SYSTEM sCDRV**

**SYSTEM "CD "+sCDIR**

**SYSTEM "CLS"**

**END**