Enclosed are the files you will need to word process in Russian and
English simultaneously using Word Perfect 5.1. The required equipment is:

1: EGA or VGA
2: HP Laserjet II, HP Laserjet IIP, HP Laserjet IID
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I: What you have

Files enclosed:

CYRILLIC.SFP: 12 Pt. Portrait font, using the AL'TERNATIVNYJ variant
          coding so as to not interfere with the IBM Line Drawing
          characters of WP 5.1 (Times-Roman Typeface)

CYRILLIC.SFL: 12 Pt. Landscape font, good especially for envelopes

HPRUS.PRS: Printer file for these fonts. This is modified HPLASEII.PRS
          file, so all the normal HP functions should work. Also the
          file is coded to Automatically load these fonts AS NEEDED,
          so be sure the font files are in your WP directory OR that
          you have properly set the DOWNLOAD PATH section of the
          printer setup.

RUSSIAN.EGA: The EGA Font file, encoded as the ALTERNATIVE VARIANT.

LOADRUS.EXE: Loads the Russian SCREEN font. Both LOADRUS.EXE and
                RUSSIAN.EGA must be in the same subdirectory.

RESETVID.COM: If you have an VGA, the screen will shrink when the font
          is loaded. If you wish to reset the screen, run RESETVID.
          The Russian font will be erased, and your display returned
          to normal.

SETRUS.WPM: WordPerfect 5.1 MACRO to automatically setup the Laser
          printer for Russian by SELECTING the HPRUS.PRS printer
          file. It will also automatically setup your screen so that
          when you load WordPerfect, the Russian font is not erased.

RUSLAS.DOC: This file in WP5.1 Format

RUSLAS.TXT: This file in DOS TEXT Format

RUSSKEY.COM: Loads the Russian Keyboard Driver. This provides a phonetic
          key assignment that can be toggled with SCROLL LOCK.

RUSSKEY.ASM: The assembly file. You can change the keys to anything

that suits your needs. Then reassemble it.

RUSSIAN.TXT: Some sample Russian text in ASCII format

RUSSIAN.DOC: Some sample Russian text in WP5.1 Document format.

II: HOW TO SETUP WORD PERFECT TO USE THE SUPPLIED TO MAKE THE LASERJET
    PRINT RUSSIAN.

In order to properly install the HPRUS.PRS driver, make the following choices:

SHIFT-F7 (PRINTER SETUP)
(S) SELECT printer
(A) ADDITIONAL printers
(L) LIST printer files
Highlight HPRUS.PRS
(S) to select this printer file. Read the HELP file, and press F7.
(5) or (F) to select initial font. Highlight CYRILLIC 12 Pt. and press
(S) for select the font. Take this opportunity to also set you
    downloadable font file path, if the files are not in your working
    directory.

Press F7 to exit, the MAKE SURE! you also SELECT this printer on
the Printer Selection screen. Press F7 to return.

You may also set your font with CONTROL-F8. The normal font in the
lower ASCII positions of CYRILLIC is a Times Roman 12 Pt. font.

That's all there is to setting up the printer. When you exit, you
choices will automatically be saved so that when you again enter WP5.1
the printer will be automatically setup.

If you do not get Russian characters try Initializing the printer with
SHIFT-F7 (I). However, the characters should be downloaded automatically
as needed.

You may also EXECUTE the SETRUS.WPM macro, by typing ALT-F10 then SETRUS.
Assuming that your HPRUS.PRS file is in the default WordPerfect directory,
everything should be fine.

III: HOW CAN I SEE RUSSIAN AND ENGLISH ON THE SCREEN AT THE SAME TIME?

WORD PERFECT SCREEN SETUP:

In order that WP5.1 DOES NOT automatically wipe out your Russian EGA
font, you must do one this: SET IT TO AUTOMATICALLY SELECT the
screen mode.

SHIFT-F1 to get to SETUP
(D) for setup DISPLAY
(T) for TEXT screen setup
(A) for AUTOSELECT!
(C) for color/font choose
(N) for NORMAL FONT ONLY!
F7 to exit.

EGA/VGA FONT SETUP:

In order to actually be able to see what you are editing in Russian,
you will need THREE files:

RUSSIAN.EGA: is the Russian EGA (VGA) font file. The codes conform to the
        AL'TERNITIVNYJ variant.

LOADRUS.EXE: A font loader program to automatically load the Russian font.
        LOADRUS.EXE AND RUSSIAN.EGA must be in the same subdirectory.

RUSSKEY.COM: Is a replacement KEYBOARD DRIVER. It will allow you to toggle
        between English Key assignments and Russian (phonetic) key
        assignments by pressing SCROLL LOCK. You can enter WP5.1,
        edit in English, press SCROLL LOCK, edit in Russian, and
        press SCROLL LOCK again to get back to English. BE AWARE!!
        while Russian is active your WP5.1 keyboard command letters will
        NOT function properly. To execute WP commands switch back to
        ENGLISH.

Typical Batch file to set up RUSSIAN EGA screen font:

LOADRUS
RUSSKEY
WP

Because this is free, there will be very limited support. You can
play around with it as much as you like. I just ask that you DONT
change to ASCII code assignments for the Russian.

A note on the keyboard:
The keyboard is phonetically arranged. This does not conform to any
standard at all. If you want to change it, I have included the RUSSKEY.ASM
file. You might want to use the Soviet Standard, though unless you
really NEED to learn it to type on Soviet Keyboards, my layout is much
faster. Here are the EXCEPTIONS:

Q=SHCH W=SH U=Y Y=Yerih [=YA]=YU \=YAW -=backward E ==Short i.\
~=Hard sign ;=soft sign J=CH H=ZH X=X C=TS
That's it folks!
Steve Dorman
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