

pointlog.txt

```
@ECHO OFF
mode 150,30
```

```
REM. change name from .txt to .bat to run
REM. pointlog.bat
REM. HYDRO3 on emlid.com forum
REM. reldridg3@hotmail.com
REM. GNU General Public License (GPL)
REM. If you make changes please share back
```

```
@title = Point Logging Batch Script Ver 0.01 (GPL)
```

```
REM.-- Prepare the Command Processor
SETLOCAL ENABLEEXTENSIONS
SETLOCAL ENABLEDELAYEDEXPANSION
```

```
REM. -- Choose the folder to save the logged points
```

```
:pick
```

```
    echo Chose the Folder To Save the Logs
set "psCommand="(new-object -COM 'Shell.Application')^
.BrowseForFolder(0,'Please choose a folder.',0,0).self.path""
```

```
for /f "usebackq delims=" %%I in (`powershell %psCommand%`) do set "folder=%%I"
    echo.
    echo Points will be saved to !folder!
    echo.
```

```
REM. Ask User if this is the correct folder
```

```
Choice /M "Is !folder! Correct?  "
if Errorlevel 2 goto :pick
if Errorlevel 1 goto :IPPrompt
```

```
REM. Prompt for ip # of TCP connection from RTKNav
```

```
:IPPrompt
    echo.
    set /P IP="Enter IP Address i.e. xxx.xxx.xxx.xxx  "
    echo.
    set /P solPrt="Enter Port number for Solution i.e. 4801  "
    echo.
    set /P ubxPrt="Enter Port number for Rover Output i.e. 4800  "
```

```
REM. Set time to log each point this is entered when batch is run
```

```
:dwell
    echo.
    echo.
```

```

                                pointlog.txt
set /P dwl="Enter how long you want to wait at each point in seconds: "

REM. This sets the point name and starts logging with the point name
:pointname
echo.
echo.
set /P D="Enter The Point Name for Logging: "
echo.

REM. Adds time and date to Point Name
for /f "tokens=2-8 delims=.:/" %%a in ("%date% %time%") do set
DateNtime=%%a%%b%%c_%%d%%e%%f
echo.
echo Logging Raw Data for Point %D% to "!folder!\%D%_DateNtime%.ubx"
echo.
echo Logging RTKNAVI Solution for Point %D% to "!folder!\%D%_sol_DateNtime%.txt"
echo.

REM. This starts netcat and logging the ublox file for post processing
start /min cmd /c ncat.exe %IP% %ubxPrt% ^> "!folder!\%D%_DateNtime%.ubx"

REM. This starts netcat and logging the solution from RTKNAVI
start /min cmd /c ncat.exe %IP% %solPrt% ^> "!folder!\%D%_sol_DateNtime%.txt"

REM. Adjust the time below for how long to wait at a point (in seconds)
timeout /t %dwl%

taskkill /F /im ncat.exe

REM. Converts the solution file to DOS linefeeds
start /min cmd /c unix2dos.exe "!folder!\%D%_sol_DateNtime%.txt"

REM. Provides choice to log more points or end logging
:pntcont
echo.
Choice /M "Do you want to log another point?"
echo.
if Errorlevel 2 goto :end
if Errorlevel 1 echo.
if Errorlevel 1 echo. Move to Next Point
if Errorlevel 1 echo.
pause
if Errorlevel 1 goto :pointname

:end
echo.
echo Point Logging Complete
echo.

```

pointlog.txt

timeout /t 3
exit /b

REM.-- End of application