Logging RAW ‘binary’ data from a C-Nav2000 unit

C-Nav RAW GPS 'binary' data can easily be recorded using the STARUTIL application on the windows computer that is connected to the 'RAW GPS' RS-232 data port of the CnC D.U.

How to record RAW GPS 'binary' data from the C-Nav2000 using a MS-Windows computer system:-

1) Start STARUTIL (Ver: 2.6 or higher) and open
   the Communications port at 38400 baud to receive
   the RAW GPS 'binary' data.

   Note: Ensure the AUTO BAUD is not checked (if available).

2) On the ‘logging’ menu Uncheck the
   EPH/ALM boxes and enable the logging SCHEDULE.
   Start recording, with the STARUTIL application,
   the RAW 'binary' data to a log file and directory
   and enable the logging SCHEDULE.
   Use a logging file name of '<serialnumber>.dat'

3) Since STARUTIL cannot control a C-Nav2000 unit.
   On the CnC D.U. Execute a DUMP EPH/ALM command from the
   CnC D.U. (Menu ID# 4301) so that the C-Nav2000 sends it's
   current Ephemeris data to STARUTIL to be included at the
   start of the current logging file.

4) When running the STARUTIL program continually
   in this scheduled logging mode then every day
   a new data file will be created in the selected
   logging 'folder'.

5) Every few days you can 'purge' any unwanted
   data logging files to save disk space.

The RAW 'binary' data will be recorded in 24hour data files that can be saved to a CDROM (or WINZIP'd and place on the C-Nav FTP site) and sent to us for analysis. Collecting these data files will allow us to analyze and see exactly what the performance of the C-Nav2000 GPS system.

Note: See the C-Nav FAQ for instructions on how to upload data to the C-Nav FTP site at http://www.cctechnol.com/cnav/faq.

How do I send recorded data files to C-Nav Support for help and analysis?

2002-09-04 - RAW GPS 'binary' data files (recorded using STARUTIL) or C-Nav NMEA ASCII data files (with ALL C-Nav NMEA messages enabled) can be sent to C-Nav Support to help resolve . . .

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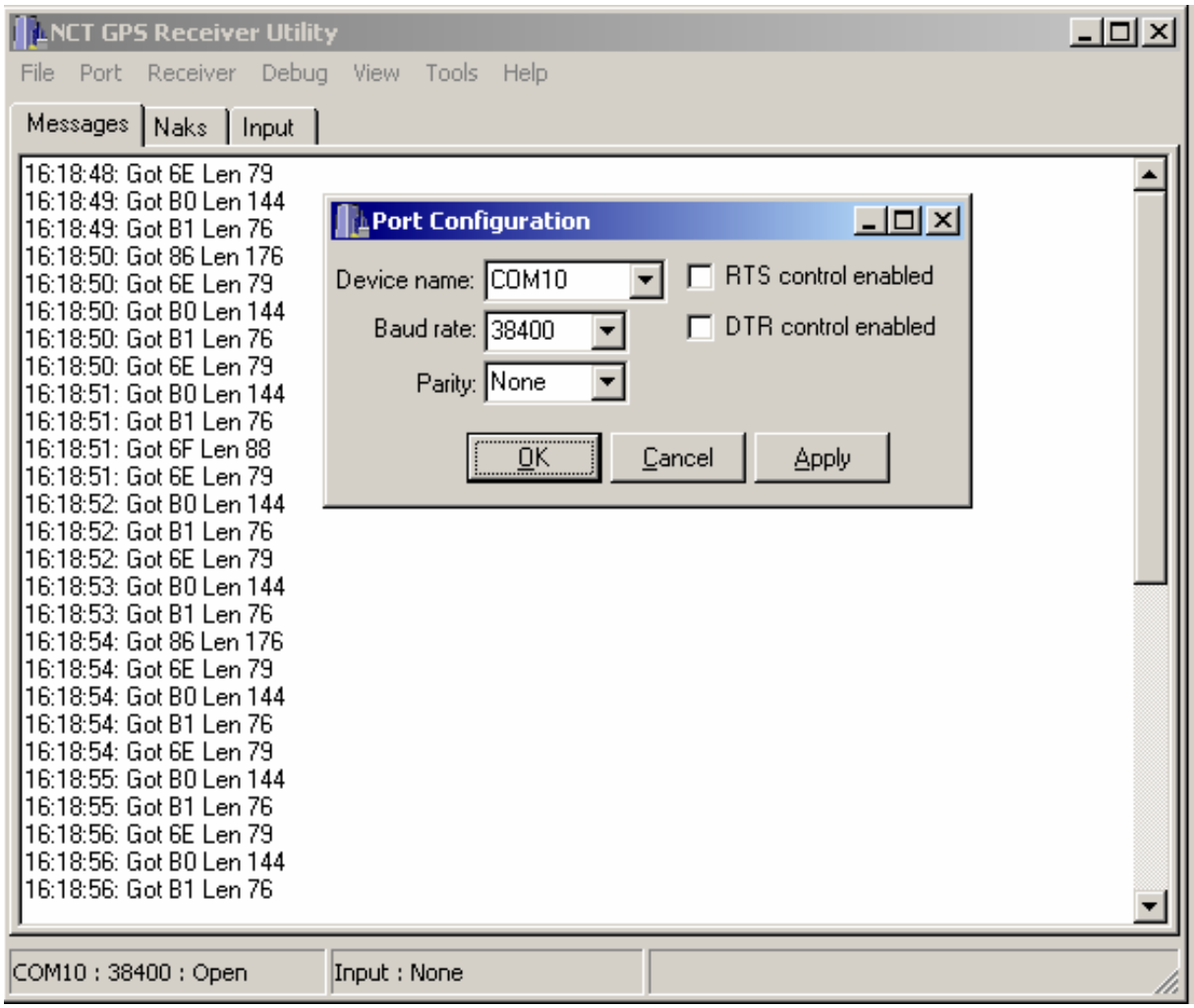

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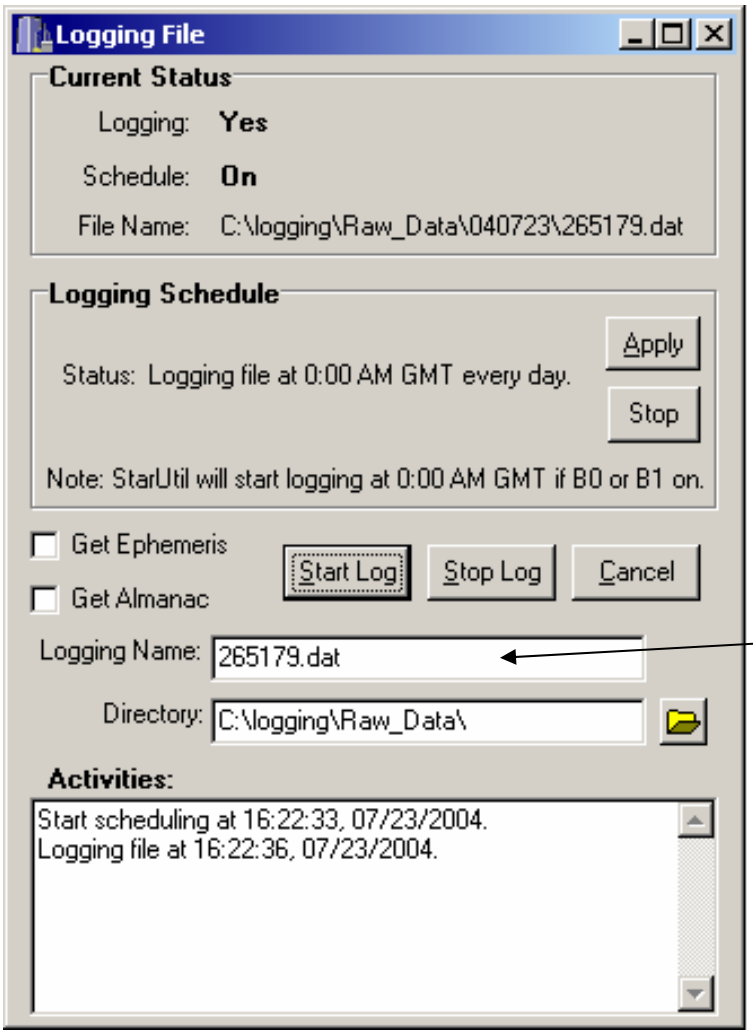

Enter a ‘filename’ using the actual C-Nav2000 Serial Number with an extension of **.dat**

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