

• **Instructions to configure MSGRATE from 10 Hz to 25 Hz**
02/28/2014

- The batch file "MBARI_Rate_Change.KGN" will modify MSGRATE from 10 Hz to 25 Hz
- Screenshots shown are examples only. Actual screens may vary.

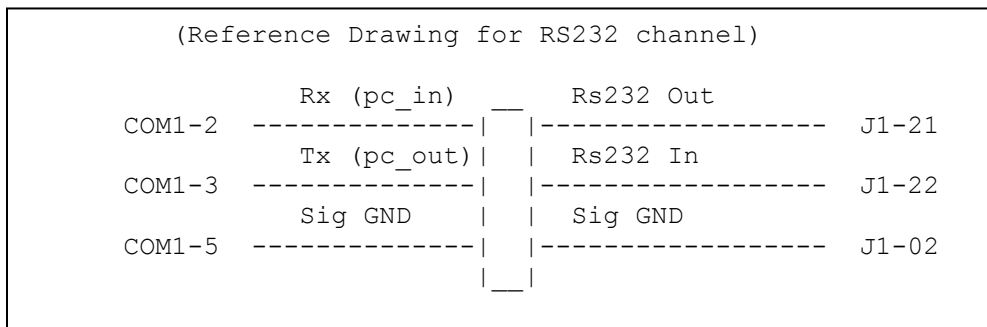
NOTE: The default communication for the batch file is 115kbps, odd parity. This setting cannot be changed.

Equipment Required:

- Computer with available COM port
- Minimum Operating software: Win XP
- Power supply and associated cables

The procedure of loading is as follows:

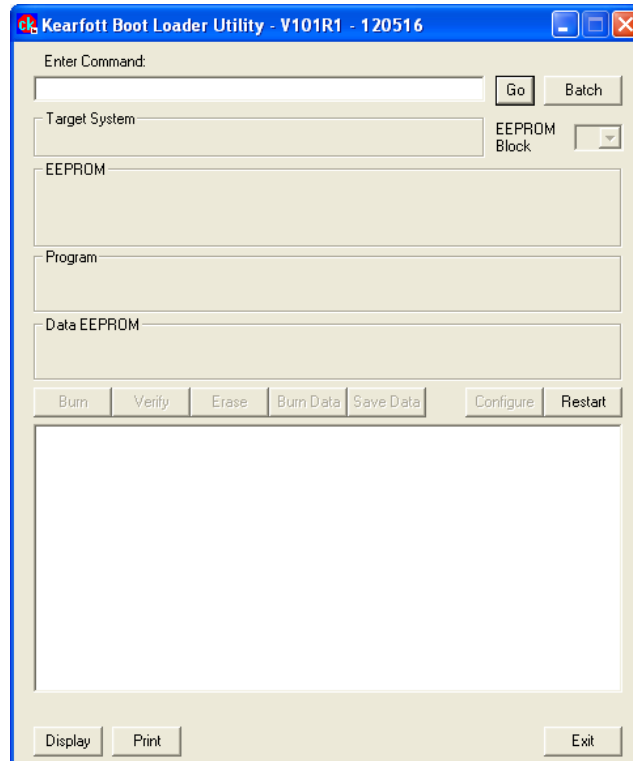
- Create a folder and copy the files listed into it:
 - WINBOOT.EXE
 - README.PDF (this file)
 - MBARI_Rate_Change.KGN
 - GA5E57C0.A02
 - Y254M208 WINBOOT Manual.pdf (For Reference Only)
- Connect PC COM Port to the any available serial channel of the end-item.



- With the end-item power off, launch WINBOOT by double clicking on "WINBOOT.exe" in the PC directory.

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4. WINBOOT will present a main screen:



WINBOOT Main screen at start

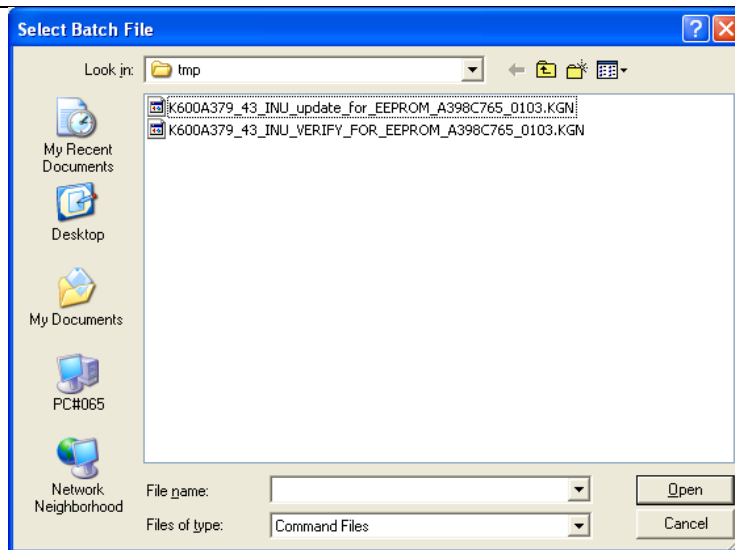
5. The batch file is started with pressing the 'Batch' command button. Press the 'Batch' command button. Browse to folder created in step 1 to see the available batch files.

The "MBARI_Rate_Change.KGN" batch file is for changing MSGRATE to 25 Hz.

Then Double click on the batch file "MBARI_Rate_Change.KGN" to execute.

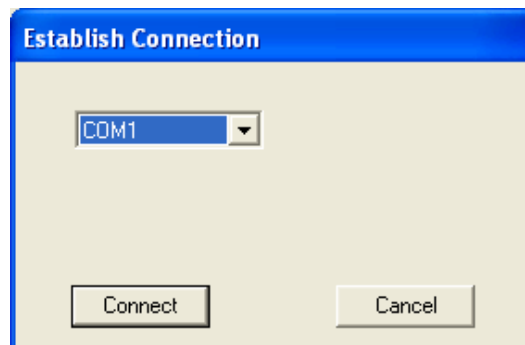
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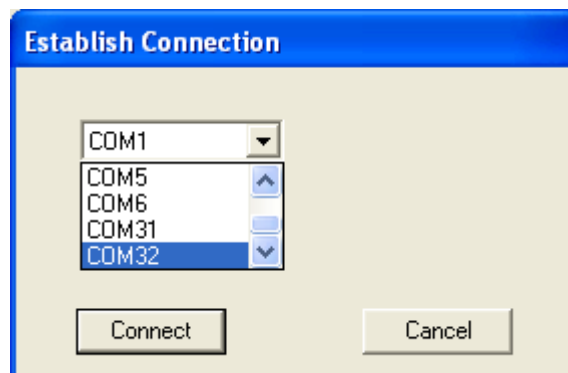
Batch Files (.KGN) Selection Screen

6. A pop-up window will display the currently selected PC serial port (COM1 in this example).



Connection Pop-Up Window

The pull-down arrow will show a list of serial ports. Select the port which is connected to the INU.

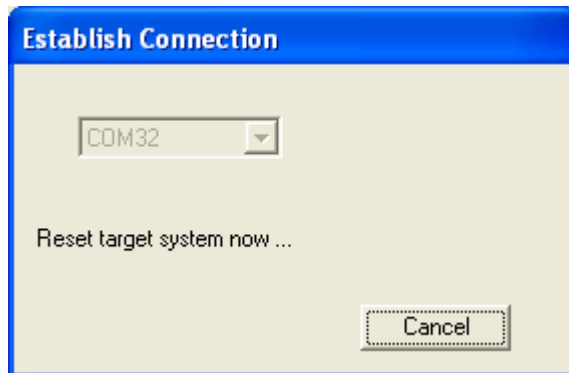


Connection Pop-Up Window Serial Port Pull Down

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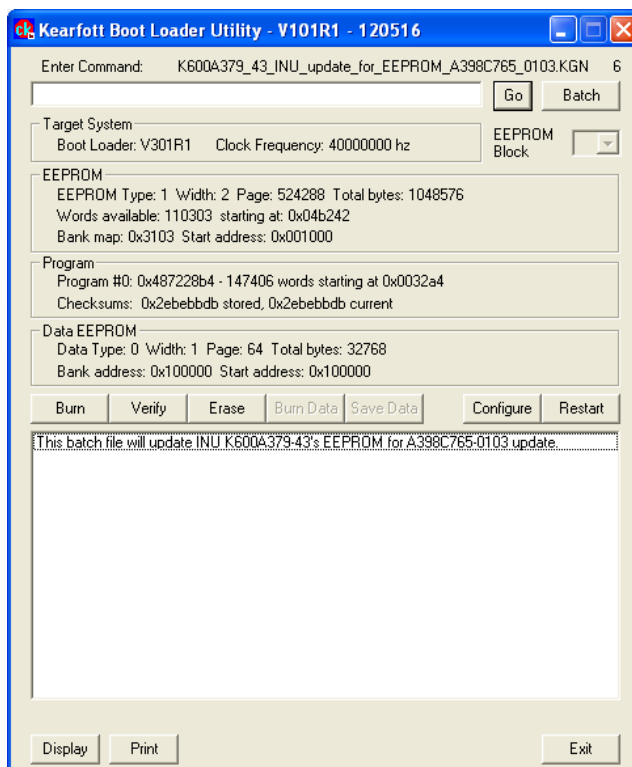
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When the selection is correct (COM32 in this example), click on the 'Connect' button. The program will display a message to start the target system and will wait until that happens. Apply power to the INU.



Reset target system Display

6a. As soon as communication is established, WINBOOT will get status information from the Target (INU) and display it in the Target Status area. The batch file execution will start (Display area updated with "This batch file will...")



Communication established with the INS

If WINBOOT fails to get a response from the target system at **ANY** time, it will gray out the Target System area (see the "WINBOOT Main Screen at Start" illustration on the first page). This is a sign that communication with the target has been lost for some

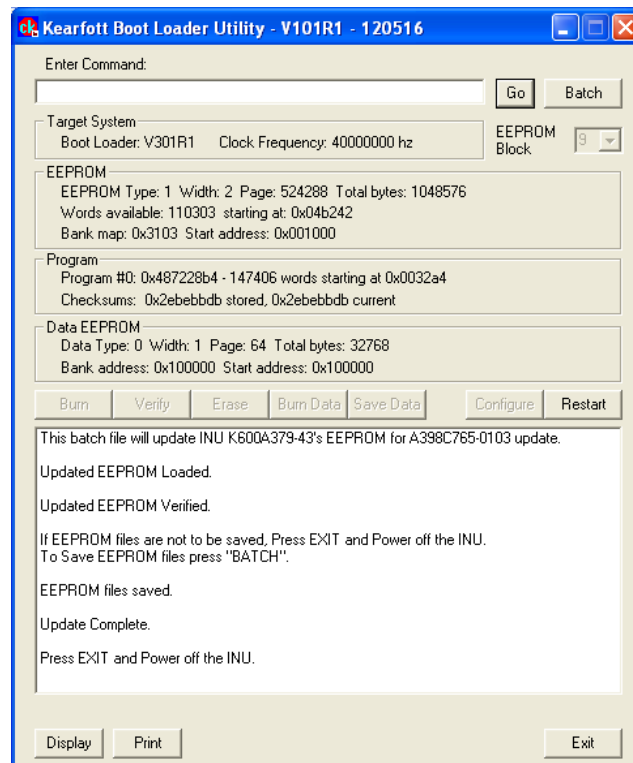
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reason. **WAIT** about 2 minutes to insure any operation being performed by the INU computer is completed. Remove power from the INU, exit the WINBOOT program and restart from the beginning.

7. There is an operator action required near the middle of the batch file:

"To start the erase and load process press "BATCH" OTHERWISE
Press EXIT and Power off the INU."



WINBOOT Main screen following completion of the Batch file

8. To start the burn process, press "Batch".

9. After the burn is complete, verify process will automatically start and display the results of verification.

10. When prompted (Press EXIT and Power off the INU.), press Exit and remove power from the INU. Disconnect the PC from the INU.