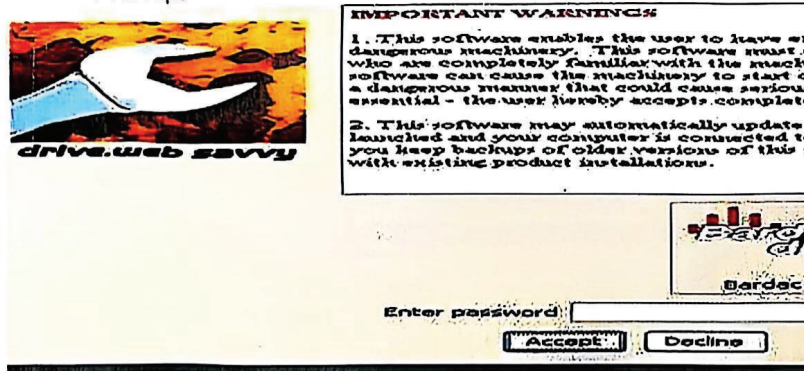# Bardac Drive Download or Upload Parameter Procedure

1. Check Bardac Drive communication and baud rates:
   a. RDDDRRDRUUU-----188) PORT1 FUNCTION: Ensure it is in "**ASCII COMMS**"; If not, use up or down key to change.

   b. RDDDRRRU -----------187) PORT1 BAUD RATE: Ensure it is in "**19200**"; If not, use up or down key to change. ·

2. Calibrate the drive to the motor for Rated Armature Amps and Rated Field Amps.
   a. Use LLLL------------------To get all the way back out.

   b. RRURR--------------------2)RATE ARM AMPS: Ensure setpoint for Armature current or adjust by using the up or down key.

   c. LDDR----------------------4)RATE FIELD AMPS: Ensure setpoint for field current or adjust by using the up or down key.

   d. Use LLLL------------------To get all the way back out.

   e. RURU to SAVE all parameter on drive.

3. Connect your laptop to the newly installed Bardac Drive with the Ethernet cable provided.
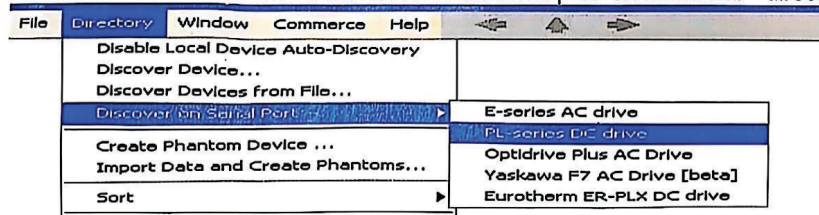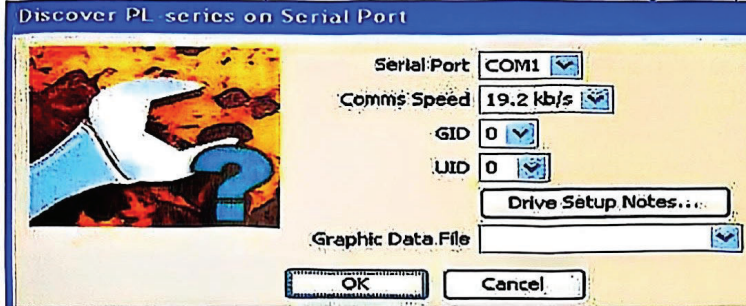
   Open Bardac Drive Icon on the PC

4. Select "Accept"

5. Select *PL-series DC drive* from" discover on serial port" on menu bar " directory "
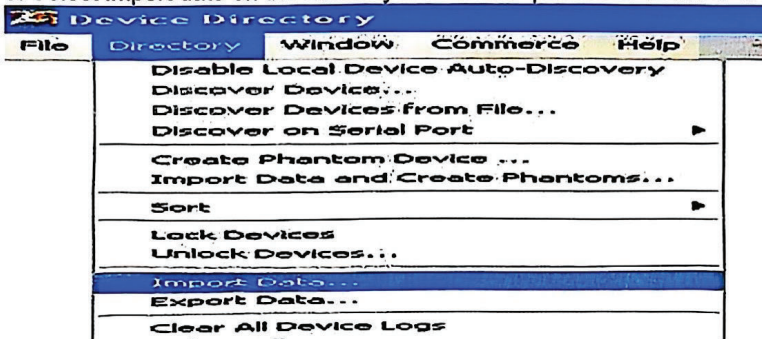
6. Make sure " Comms Speed :19.2kb/s " as same drive setting and clips " OK"
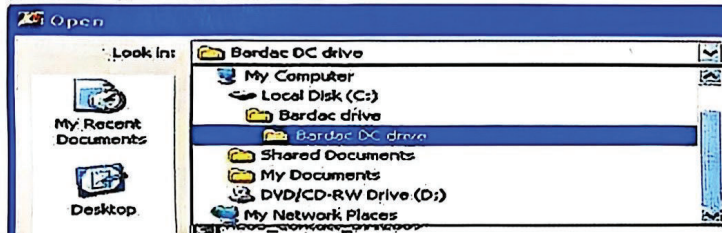

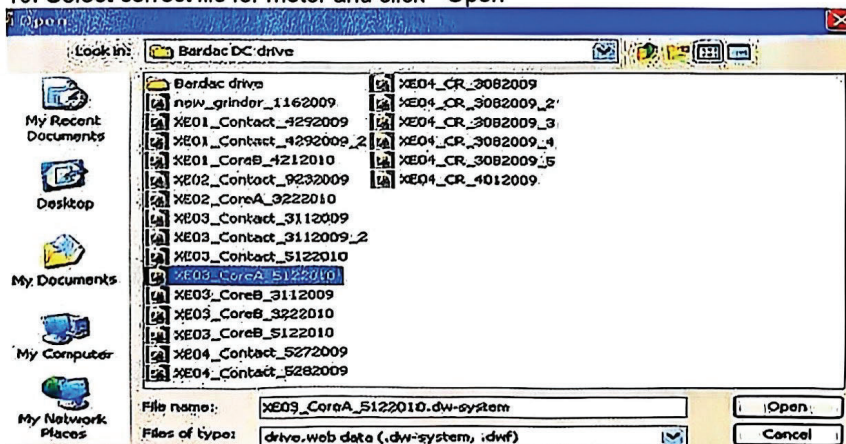7. If communication is OK, it will show as below.

8. Select Import date on the directory to download parameter from PC to Drive
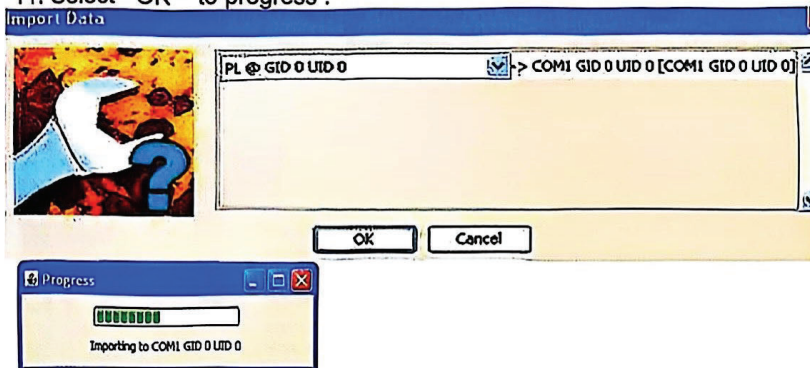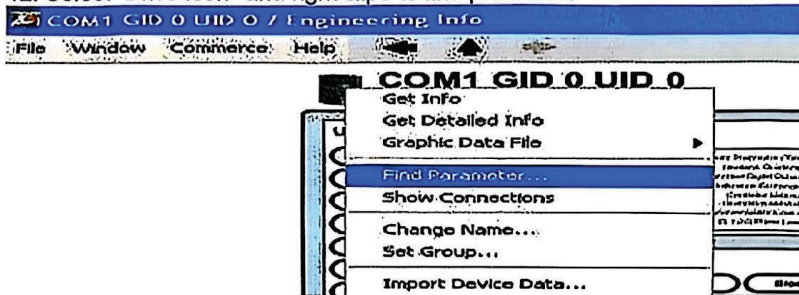

9. Select " file " from local disk

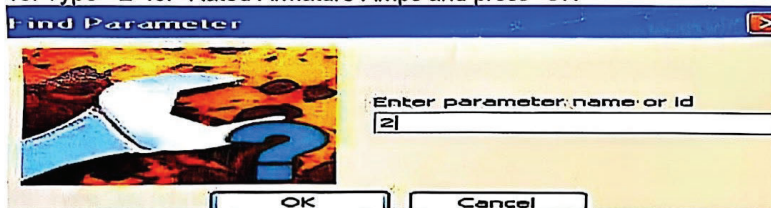10. Select correct file for motor and click " Open"

11. Select " OK " to progress .

12. Select "Drive Icon" and right clips to fine parameter
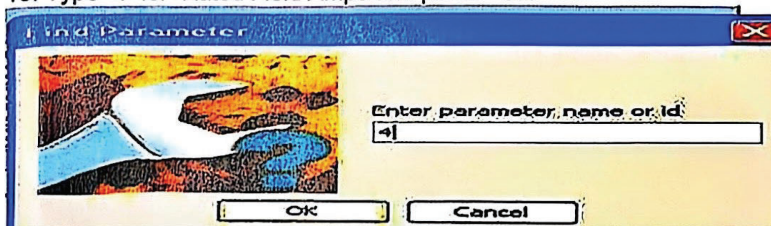

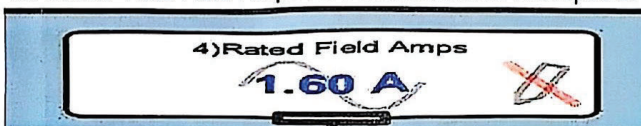13. Type " 2" for Rated Armature Amps and press "OK"

14. Check "Rated Armature Amps". If it doesn't match with spec of motor, please setup parameter on drive directly.

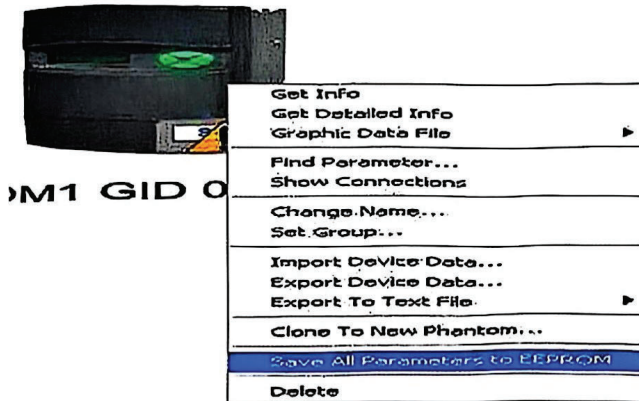15. Type "4" for Rated Field Amps and press " OK"

16. Check "Rate Field Amps". If it doesn't match with spec of motor, please setup parameter on drive directly.
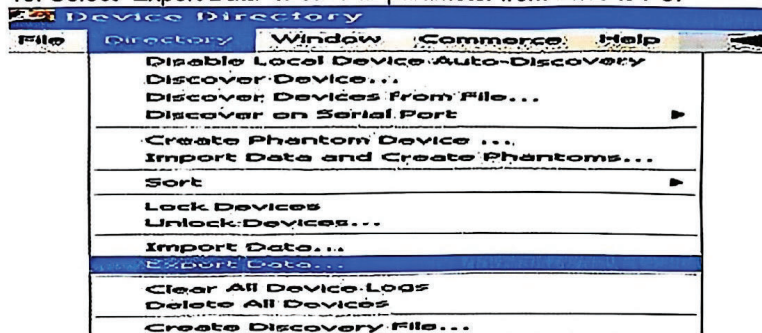
17. Repeat to check: 5) Base Rated RPM, 6) Desired max RPM, 18) Rated Arm volts, 19) EL1/2/3 rated AC
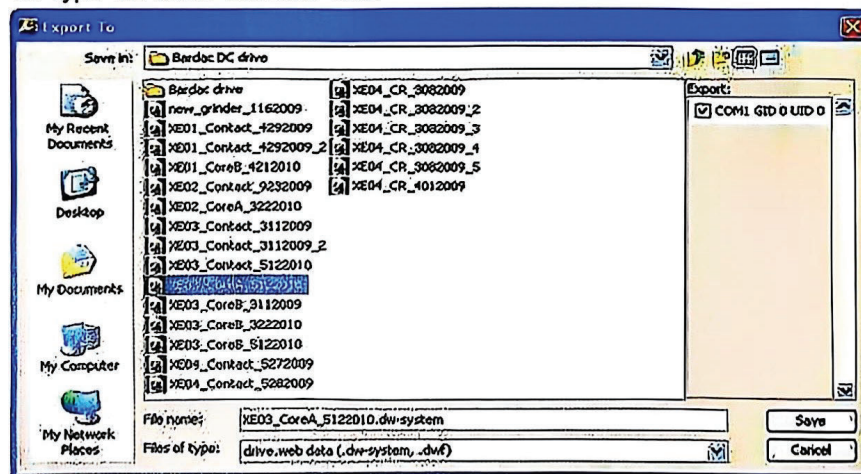   9) Speed FBK type, 100) Field volts OP%, 11) Encoder lines if possible .

Press right clip on the mouse from drive Icon. Select "Save All Parameters to EEPROM" to save all parameter.
Or save them from drive directly.

Get Info
Get Detailed Info
Graphic Data File ►
Find Parameter...
Show Connections
Change Name...
Set Group...
Import Device Data...
Export Device Data...
Export To Text File ►
Clone To New Phantom...
Save All Parameters to EEPROM
Delete

)M1 GID 0

18. Select "Export Data "to save all parameter from Drive to PC.

Device Directory

File   Directory   Window   Commerce   Help

Disable Local Device Auto-Discovery
Discover Device...
Discover Devices From File...
Discover on Serial Port ►
Create Phantom Device ...
Import Data and Create Phantoms...
Sort ►
Lock Devices
Unlock Devices...
Import Data...
Export Data...
Clear All Device Logs
Delete All Devices
Create Discovery File...

19. Type "file name" and click "save"

20. Progress to save file.

Exporting COM1 GID 0 UID 0

21 When done, close bardac program