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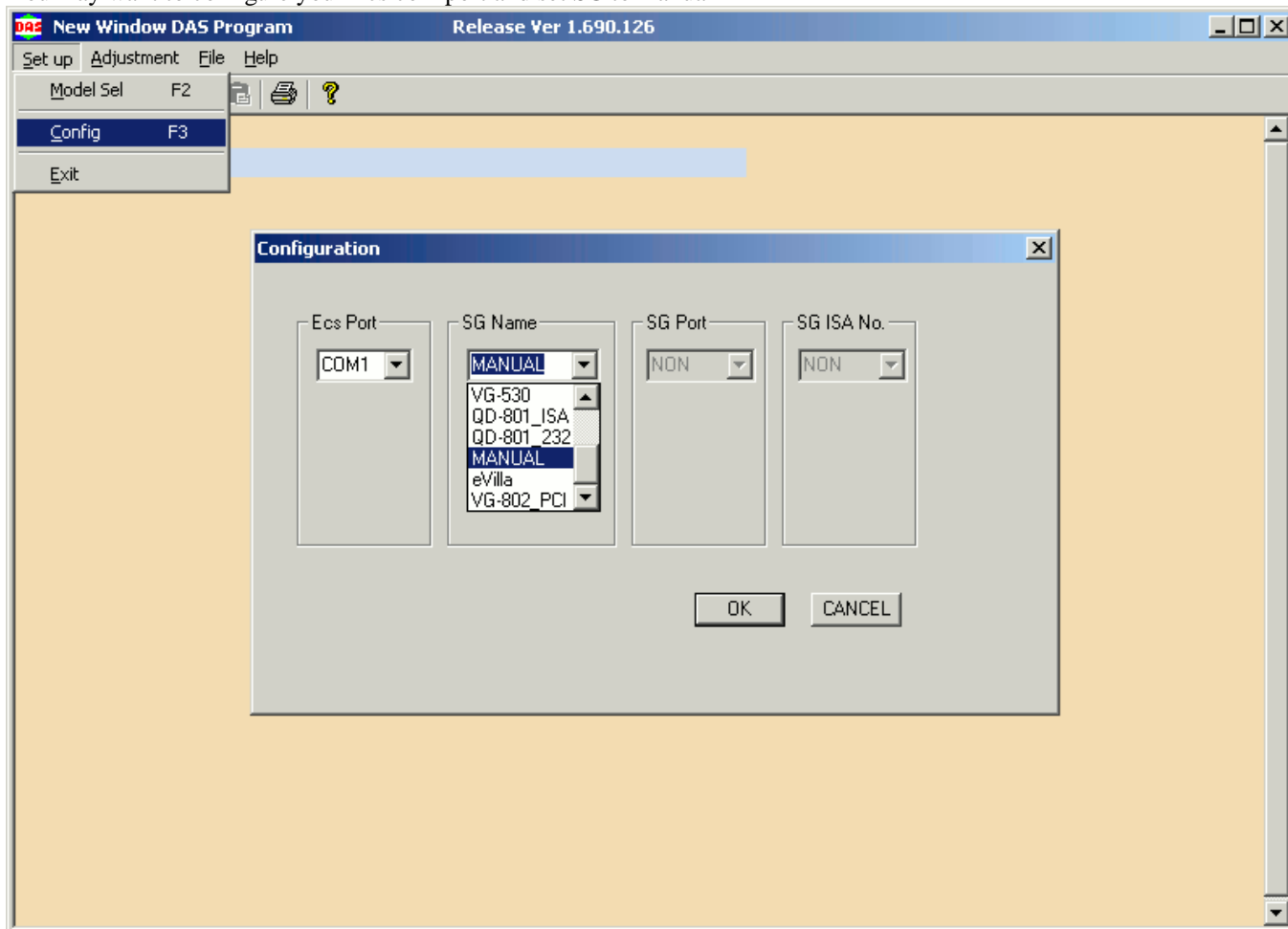
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## Editing and Uploading .dat Files Saved from Monitor

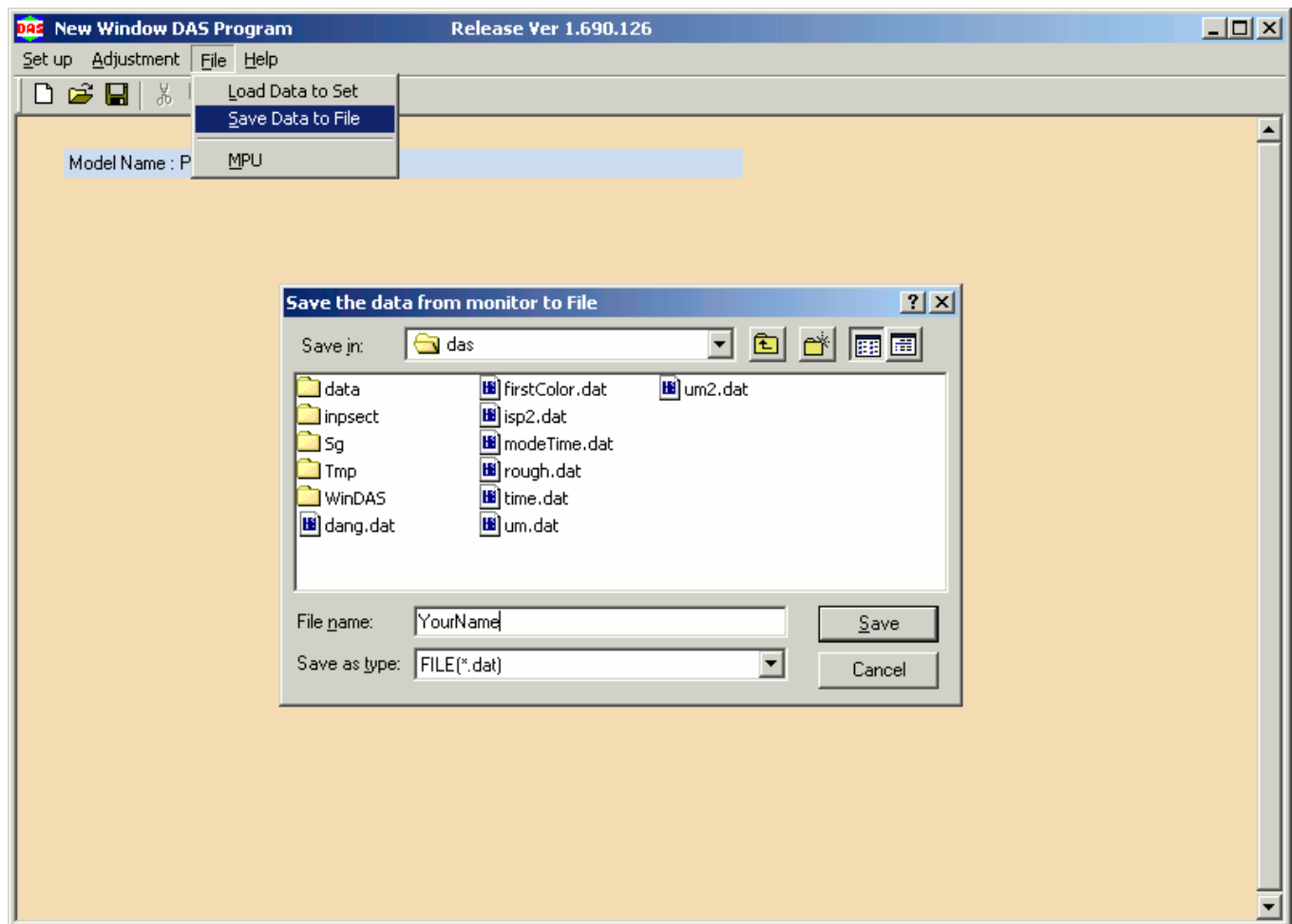
*If you get Config Error'you need to patch Windas*

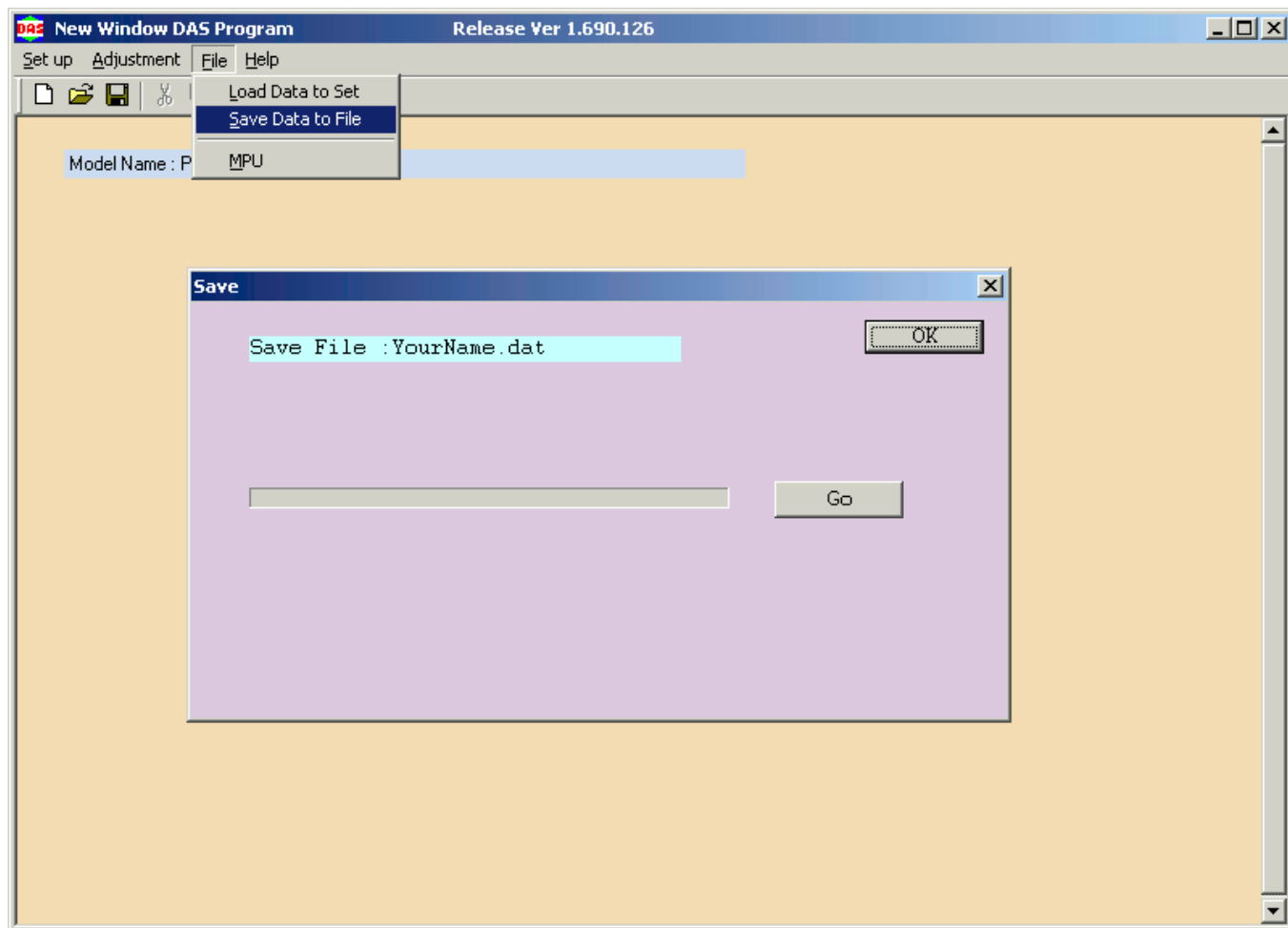
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1. You may want to configure your Ecs com port and set SG to manual



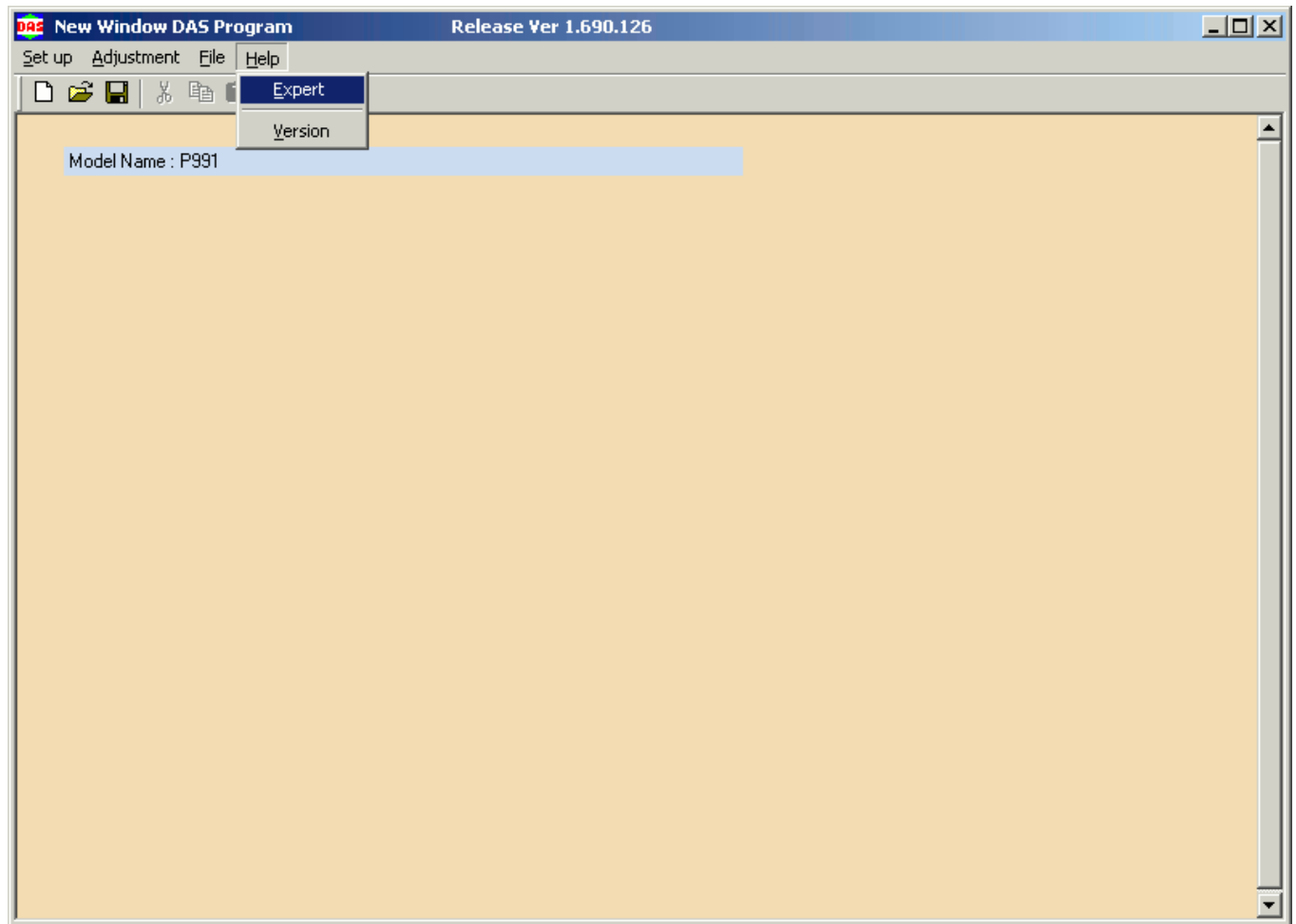
2. Before doing anything save your current settings as shown.

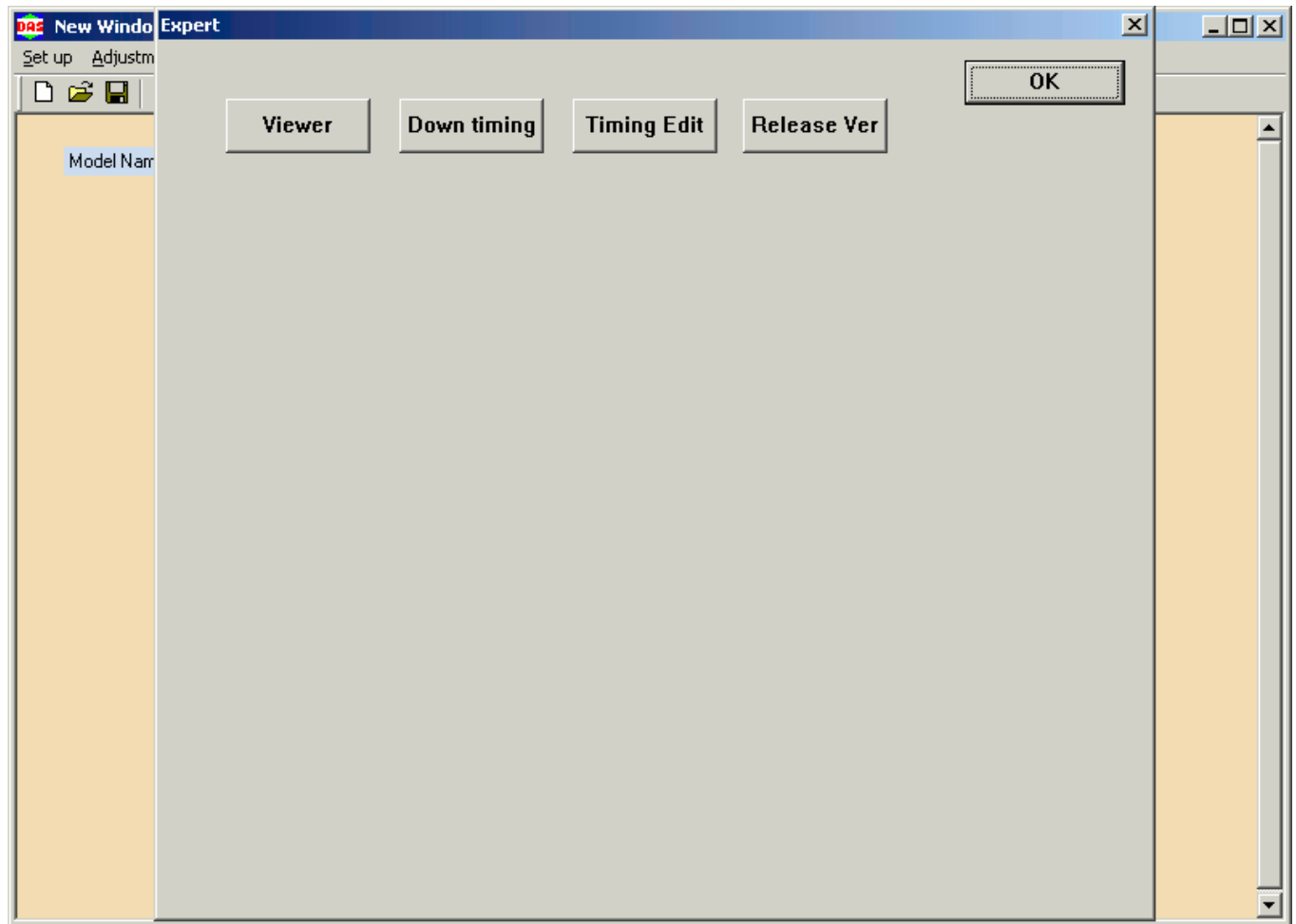




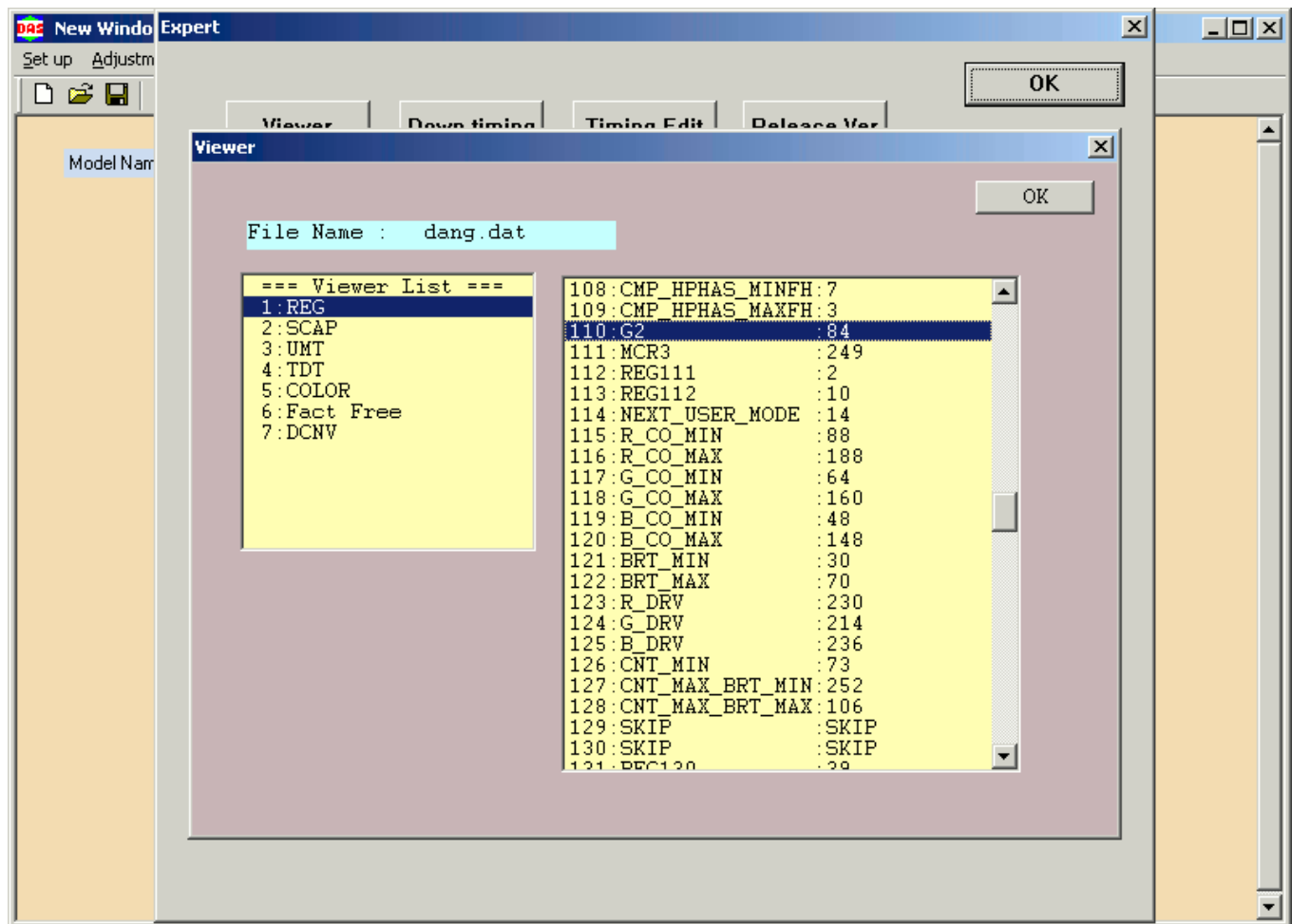
**Note:**Your monitor may seem to turn off (blank) during saving and loading of register data. This is normal.

3. Windas has a utility to interpret saved .dat files under help->expert





You want to click 'Viewer'

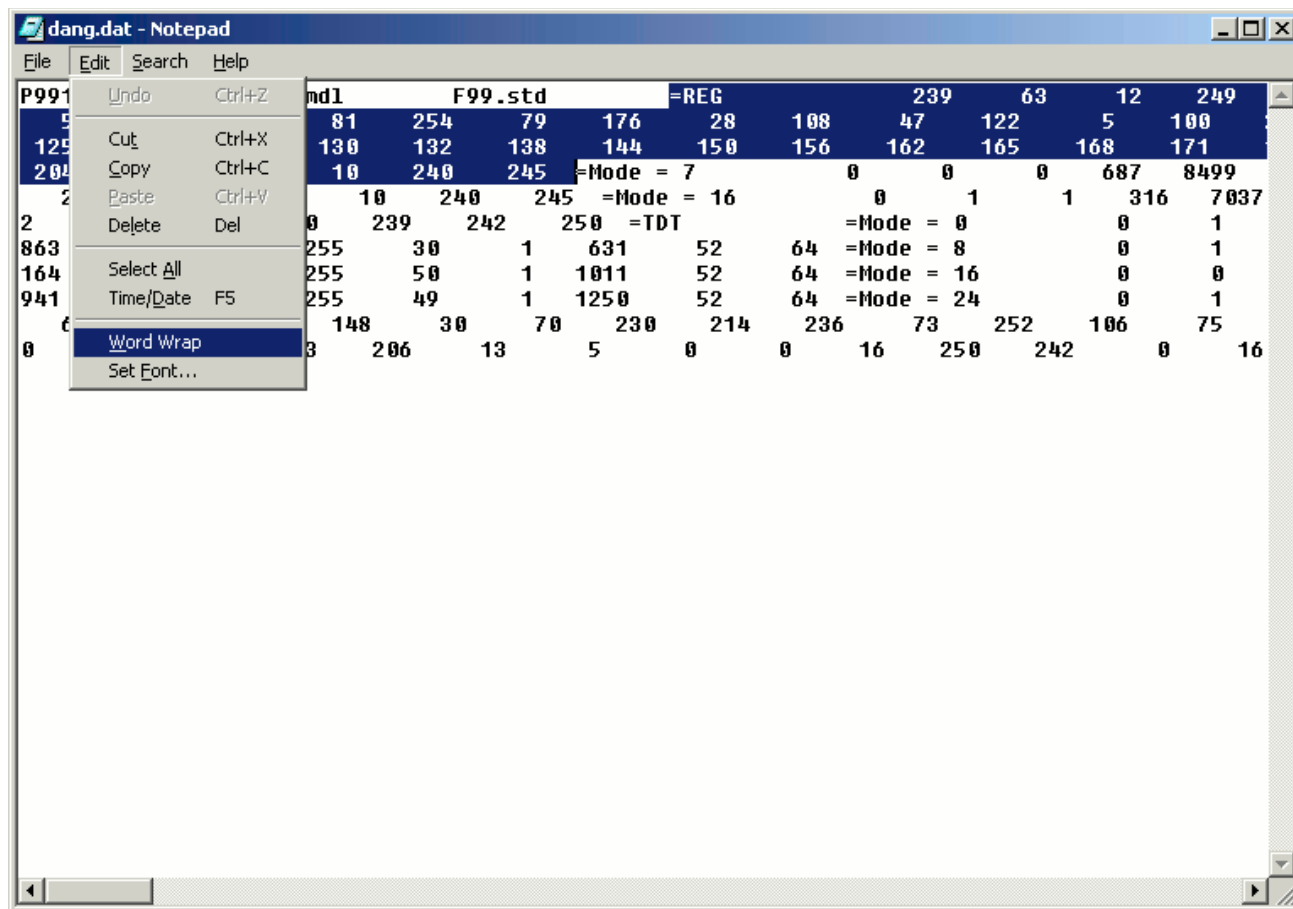


These are the values of the settings of your monitor saved in the .dat file

You can change ANY of them, as will be shown in the next step

4. Open up your .dat file with note pad, turn wordwrap on and adjust the size of the notepad window

**Note for WindowsXP users:** WindowsXP (and likely Vista) notepad no longer saves entirely in ASCII chars and will encode the content differently when you save. Use a hexeditor, or another editor such as Vim ([www.vim.org](http://www.vim.org)). Or, you can use the *edit* command on the command prompt.



The Notepad window displays the following data from 'dang.dat':

P991	9195.mdl	F99.std	=REG
239	63	12	249
229	217	80	8
1	0	0	1
206	183	52	15
5	2	40	10
124	90	36	115
15	252	60	245
60	0	112	33
64	64	161	16
30	5	52	52
68	63	160	3
15	52	0	0
3	84	249	2
160	48	148	30
252	106	0	0
4	6	5	0
28	108	47	122
10	20	73	77
0	255	64	75
0	148	153	30
0	0	0	0
0	0	0	0
0	85	92	0
10	120	136	110
191	146	0	0
0	0	0	0
3	79	0	0
26	4	253	36
10	=SCAP	16	24
35	40	44	49
68	74	81	86
107	110	113	117
132	138	144	150
174	177	180	183
201	204	207	210
223	226	228	231
0	1	0	314
			7008
			14
			63
			9
			194

The software window 'dang.dat' shows a 'Data List' with the following labels and values:

Label	Value
1: VSIZE	255
2: HSIZE	255
3: VCENT	255
4: HPHASE	255
5: PIN	255
6: REG5	255
7: KEY	255
8: PINBAL	255
9: KEYBAL	255
10: TILT	255
11: CONT	255
12: BRT	255
13: VSTAT	255
14: HSTAT	255
15: COLOR_BAL	255
16: REG15	255
17: CONT_SRGB	255
18: BRT_SRGB	255
19: REG18	255
20: SKIP	255
21: SKIP	255
22: LANGUAGE	255

As you can see above, the viewers output is simply your dat file with labels.

- Can you find the G2 voltage adjustment? Perhaps you want to lower it. Bring it down about 4, then save your .dat file, make gradual adjustments.



The screenshot shows a Windows 95 desktop environment. On the left, a Notepad window titled 'dang.dat' is open, displaying a large table of numerical data organized into columns. The data appears to be configuration parameters for a monitor, with some values highlighted in blue. On the right, a monitor configuration window is open, showing a 'Release Ver' button and a list of hardware components. The list includes various registers (REG101-REG112), memory locations (KB\_DELTA\_I), and other settings like MCR3, NEXT\_USER, and various CO\_MIN/CO\_MAX values. The window also shows a 'Name' field with 'dang.dat' and a 'Free' button.

P991	9195.mdl	F99.std	=REG
239	63	12	249
229	217	80	8
1	0	0	1
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223	226	228	231
0	1	0	314
			7008
			14
			63
			9
			194

Monitor Configuration Window:

Name: dang.dat

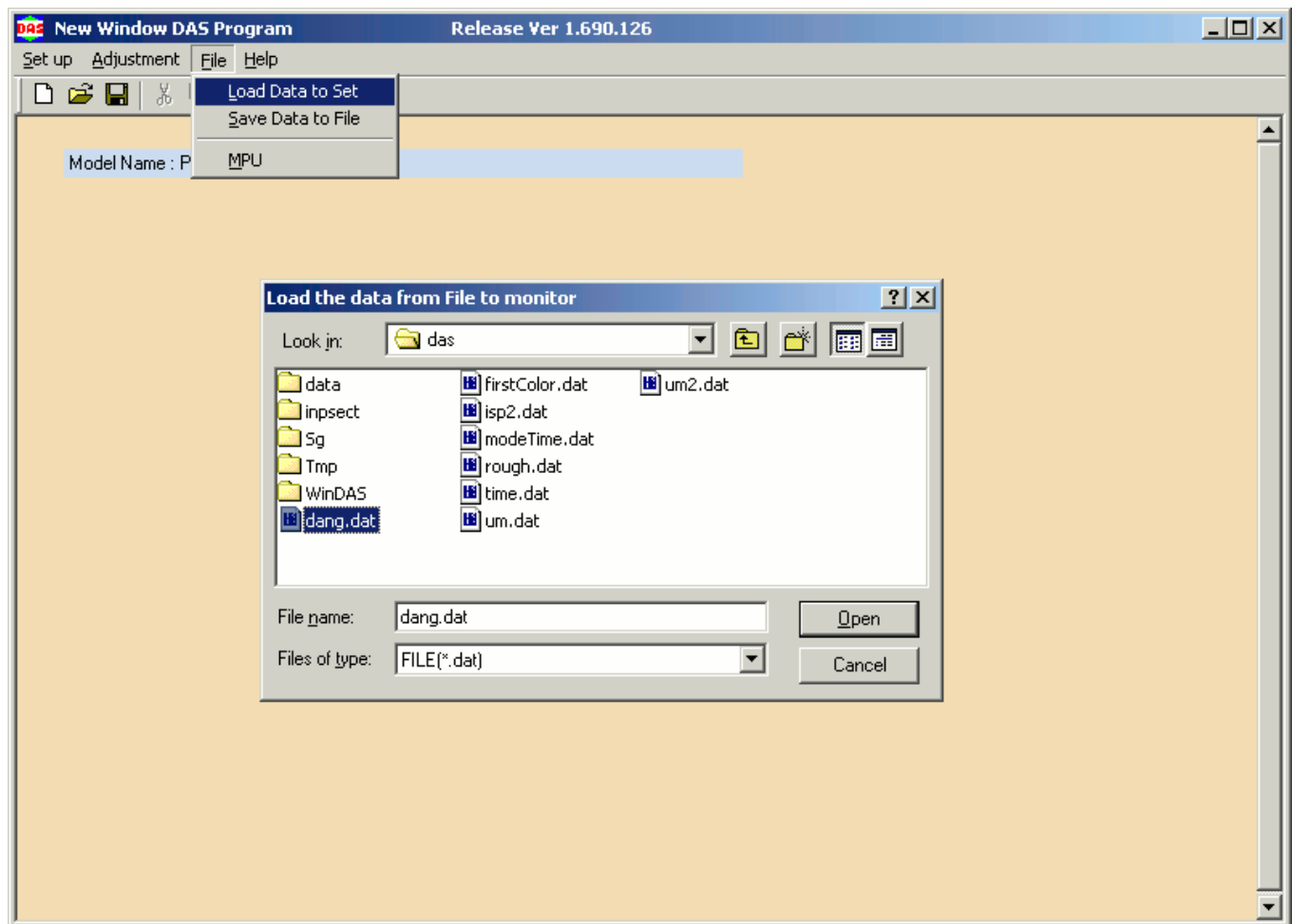
Release Ver

OK

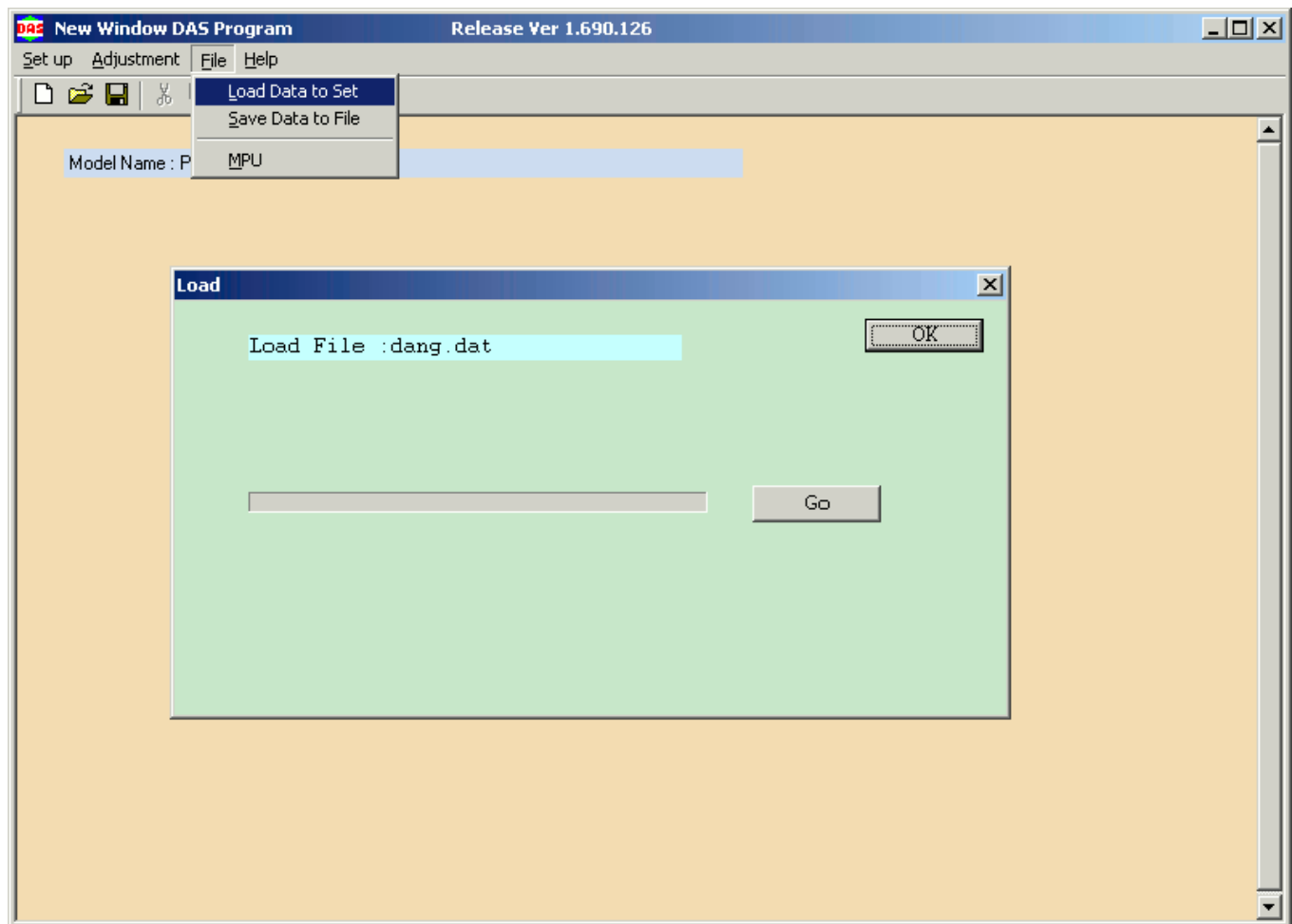
Viewer List ==

- 101:KB\_DELTA\_I
- 102:REG101
- 103:REG102
- 104:REG103
- 105:REG104
- 106:REG105
- 107:REG106
- 108:CMF\_HPHAS
- 109:CMF\_HPHAS
- 110:G2
- 111:MCR3
- 112:REG111
- 113:REG112
- 114:NEXT\_USER
- 115:R\_CO\_MIN
- 116:R\_CO\_MAX
- 117:G\_CO\_MIN
- 118:G\_CO\_MAX
- 119:B\_CO\_MIN
- 120:B\_CO\_MAX
- 121:BRT\_MIN
- 122:BRT\_MAX
- 123:R\_DRV
- 124:G\_DRV

6. With your dat file edited and saved, load your changes back into the monitor as shown



Just click go, then hit ok when it is finished loading.



Now how does it look? This is only the beginning, I will explain the rest of the values in the next howto

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