Radwin Manual Call – how to use to remotely change SMS or GPRS logger configuration
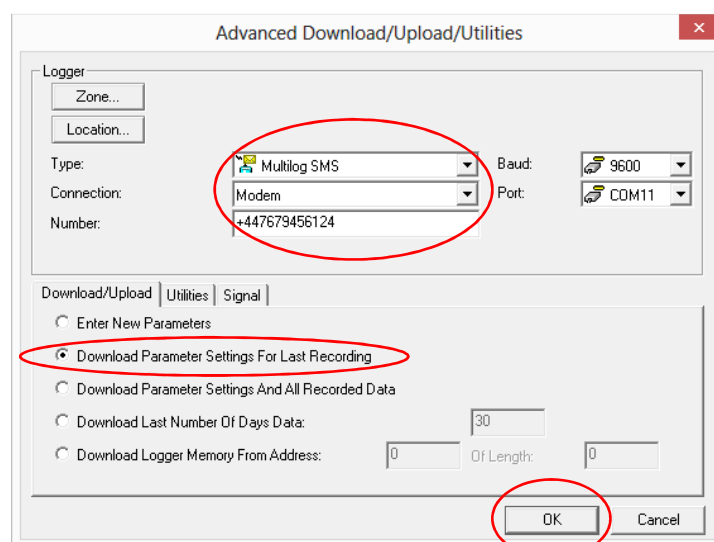
Remotely re-configuring the settings in an SMS or GPRS logger can be achieved by using Radwin Manual Call with its connected Cinterion TC65i desktop modem by using 'Advanced Download / Upload /Utilities.'

In the example below we will reconfigure a Multilog SMS logger which is already set to send data in to the Desk top modem. Note – it is necessary for the logger to have originally been configured with Power Windows – times of the day when the modem is awake to receive incoming calls – so that you can perform this operation during one of those times. Alternatively, if no power windows have been set you may be able to make the connection during the 'Engineering Power window' every logger is equipped with – this is at 3.00pm GMT but only last for 10 – 15 minutes.

We will make changes as follows – to log main channels every 10 mins, pseudo channel and secondary channel at 1 min, pulse factor for channel 1 at 0.1 and channel 2 at 100 :-

To do this, open Manual Call, go to Options > Advanced Download/Upload /Utilities and select the logger type, apply Connection Type as 'Modem' and enter the SMS number for the logger (Note – for a GPRS logger the SIM card may have a different 'Data' phone number to the GPRS number which needs to be used)

Select ' Download Parameter Settings for last recording ' and click 'OK'.

Radwin will now go through a process of dialling up the logger and connecting to it – the existing logger configuration will be downloaded –
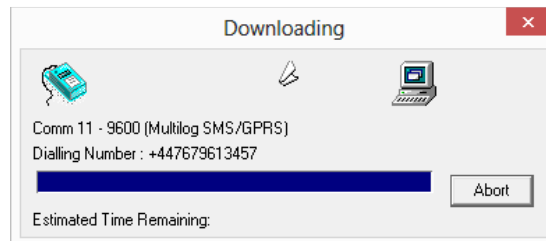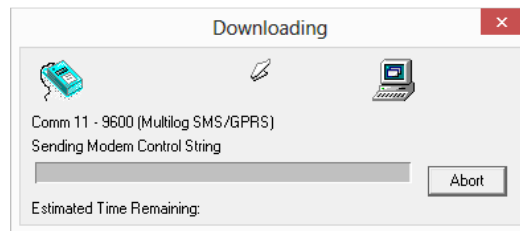
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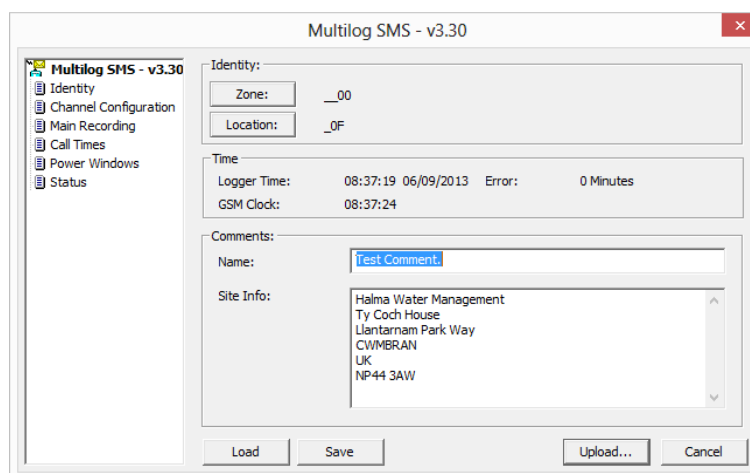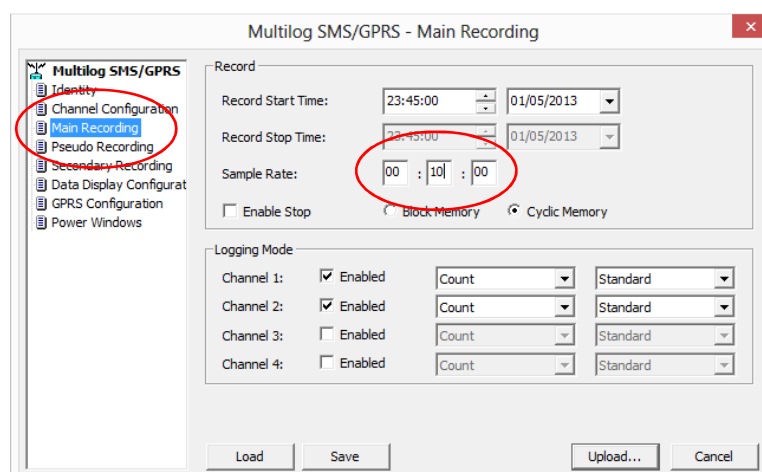Once connected the current logger configuration will be downloaded -

To make changes select each screen as required - for example - to Change 'Main Recording'
sample rate to 10 mins -

2

To activate the Pseudo channels -

Activate secondary channel to log on 1 min sampling rate

Change pulse factor to 100 for channel 2

If all the changes required are complete select 'Upload' and 'Advanced' check the boxes 'Main recording Params and Restart' 'Secondary Recording Params and Restart' and 'General Parameters' and 'Update Logger Time'

After clicking 'OK' the new configuration will be uploaded to the logger using the open connection through the modem. Once the upload is complete, you may Download the logger again to check it is ok – once confirmed do not upload again but exit out of Advanced Download / Upload / Utilities. Once complete exiting Manual call will terminate the connection.

Document History:

Edition	Date of Issue	Modification	Notes
1st	06/09/13	Release	
2nd	22/09/15	Format update	