

Ref: FAQ0340

Version: 1.0

Title-Radwin Manual call-remote config

Made By: AB 22/09/15 (

(Issue 2)

# 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)

Advanced Download/Upload/Utilities	×
Logger Zone Location Type: Connection: Number: ↓447679456124 Baud: Port: ↓447679456124	ේ 9600 ▼ ේ COM11 ▼
Download/Upload   Utilities   Signal   C Enter New Parameters	
Control New Parameters     O Download Parameter Settings For Last Recording	
C Download Parameter Settings And All Recorded Data	
C Download Last Number Of Days Data: 30	
C Download Logger Memory From Address: 0 Of Length:	0
ОК	Cancel

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 –





#### Once connected the current logger configuration will be downloaded -

		Multilog SMS - v3.30	>
Multilog SMS - v3.30 J Identity Channel Configuration Main Recording Call Times	Identity: Zone: Location:	_00 _0F	
<ul> <li>Power Windows</li> <li>Status</li> </ul>	Time Logger Time: GSM Clock:	08:37:19 06/09/2013 Error: 0 Minutes 08:37:24	
	Comments:	Test Comment.	
	Site Info:	Halma Water Management Ty Coch House Llantarnam Park Way CW/MBRAN UK NP44 3AW	^
	Load	Save Upload	<ul> <li>Cancel</li> </ul>

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

	Multilo	g SMS/GPRS -	Main Recordi	ing		×
Multilog SHS/GPRS Channel Configuration Channel Configuration Secondary Recording Data Display Configuration GPRS Configuration Power Windows	Record Start Record Start Record Stop 1 Sample Rate: Enable Str	īme:		1/05/2013 1/05/2013 Cyclic Men	- -	
	Channel 1: Channel 2:	Enabled	Count	•	Standard Standard	•
	Channel 3: Channel 4:	Enabled	Count		Standard Standard	
	Load	Save			Upload	Cancel



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#### To activate the Pseudo channels -

Multilog SMS/GPRS - Pseudo Recording					
Multilog SMS/GPRS	Logging Mode		Value:	Discard:	Average:
Channel Configuration Main Recording Pseudo Recording	Channel 1: Channel 2:	Enabled	Minimum: 💌	-	1 • 1 •
<ul> <li>Secondary Recording</li> <li>Data Display Configurat</li> </ul>	Channel 3:	Enabled	Minimum: 💌	0 -	1 -
GPRS Configuration     Power Windows	Channel 4:	Enabled	Minimum: 💌	0 🔻	1 -
					_
	Load	Save		Upload	Cancel

### Activate secondary channel to log on 1 min sampling rate

	Multilog S	SMS/GPRS - Se	condary Reco	rding	×
Huitilig SHS/GPRS     Identity     Channel Configuration     Secondary Recording     Pseudo Recording     Configuration     Data Display Configurat     GRS Configuration     Power Windows	Record Start Turne:     23:45:00     01/05/2013       Record Stop Time:     23:45:00     01/05/2013       Sample Rate:     00     :01       Oo     :01     :00				
	Logging Mode - Channel 1:	Enabled	Count	•	Standard
	Channel 2:	Finabled	Count	-	Standard 💌
	Channel 3:	Enabled	Count	Ŧ	Standard 💌
	Channel 4:	Enabled	Count	Ŧ	Standard 💌
	Load	Save			Upload Cancel

## Change pulse factor to 100 for channel 2

	Multilog SMS/GPRS - Data Display Configuration
Hultiog SM5/GPRS     Identity     Ghannel Configuration     Main Recording     Peeder Recording     Secondary Recondary Recording     Secondary R	Displandata Calibration Channel: Channel 02 Type: Digital (Flow) Litres per Pulse: 100.00 Offset: 0.0 Meter Reading: 0.000000 Litres
	Load Save Upload Cancel



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'

	Upload Parameters	×
Cogger 0000 Cocation 000 Type: Connection: GSM Data Number: SIM Voice Number:	Multilog SMS/GPRS Baud: Modem Port: +447679145657	[a] 9600 ▼ [a] COM11: U▼
Options     Main Recording Params     Secondary Recording Parameters     Channel Configuration /     Update Logger Time     GPRS Parameters	arams and Restart	~
Update Logger Time as: SIM Card Voice Number ( '+	'format ):	Basic

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	