

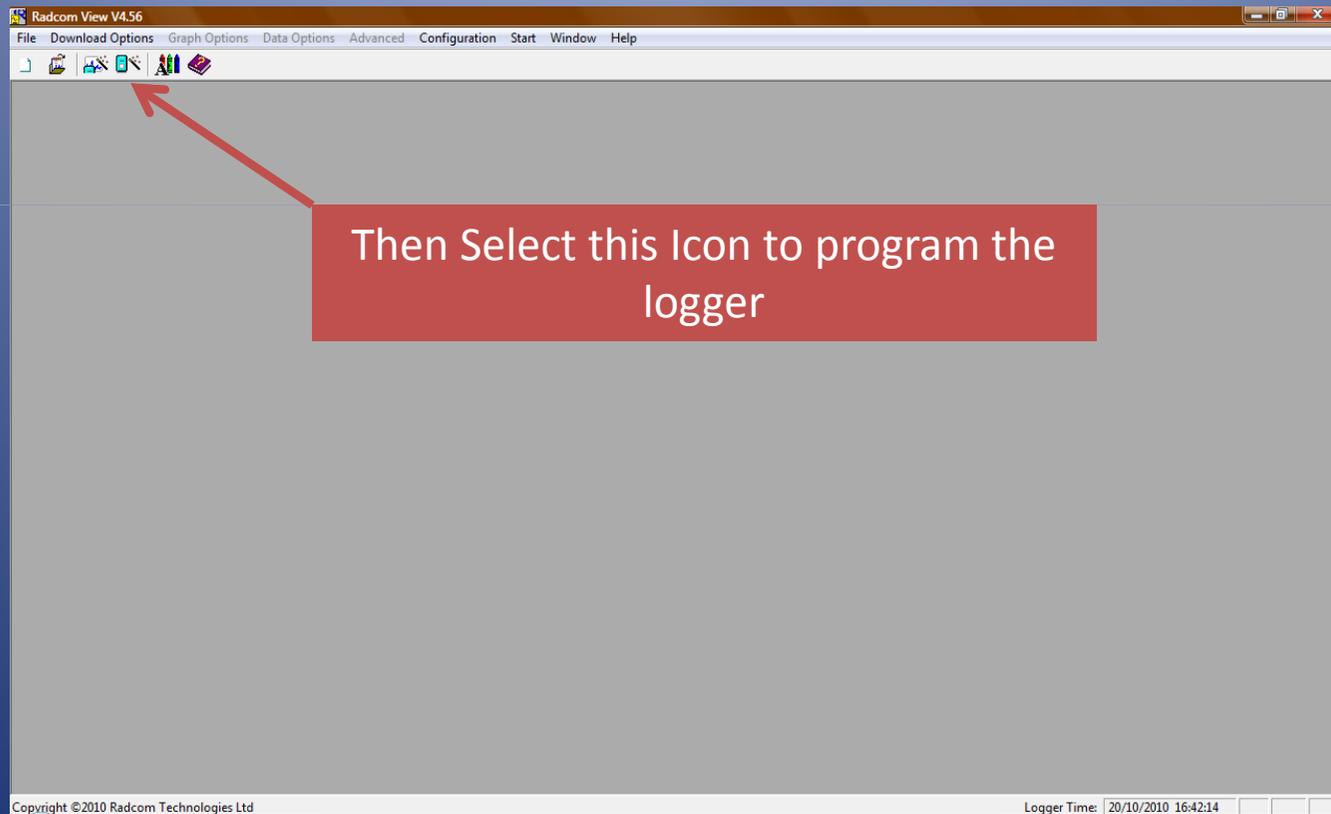
Programming A Radcom SMS Logger for a Rain Gauge



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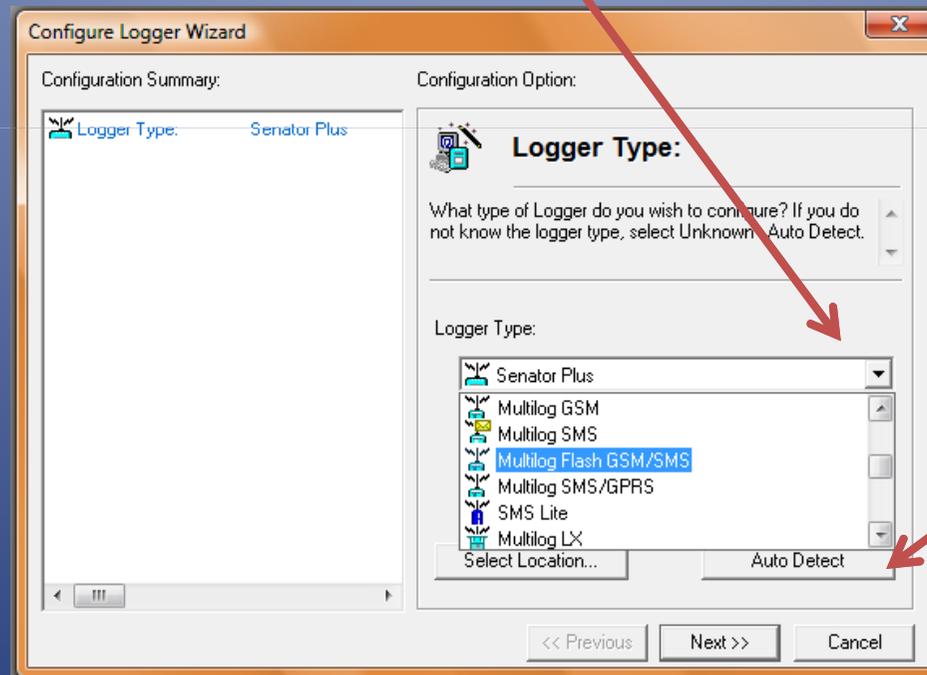
Programming A Radcom Logger for a Rain Gauge

Launch The Radcom View Program



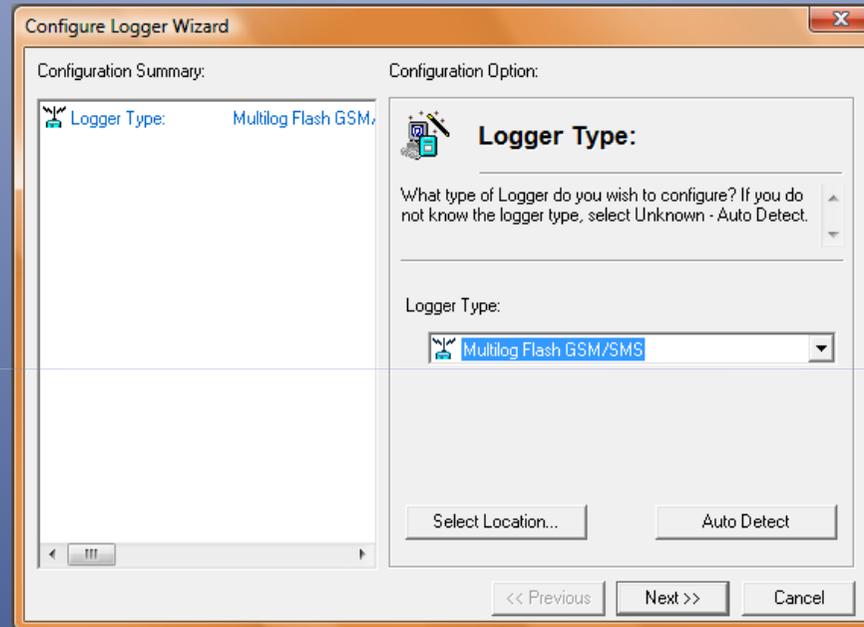
Programming A Radcom Logger for a Rain Gauge

On the next screen that opens, select your logger type from the drop down box.



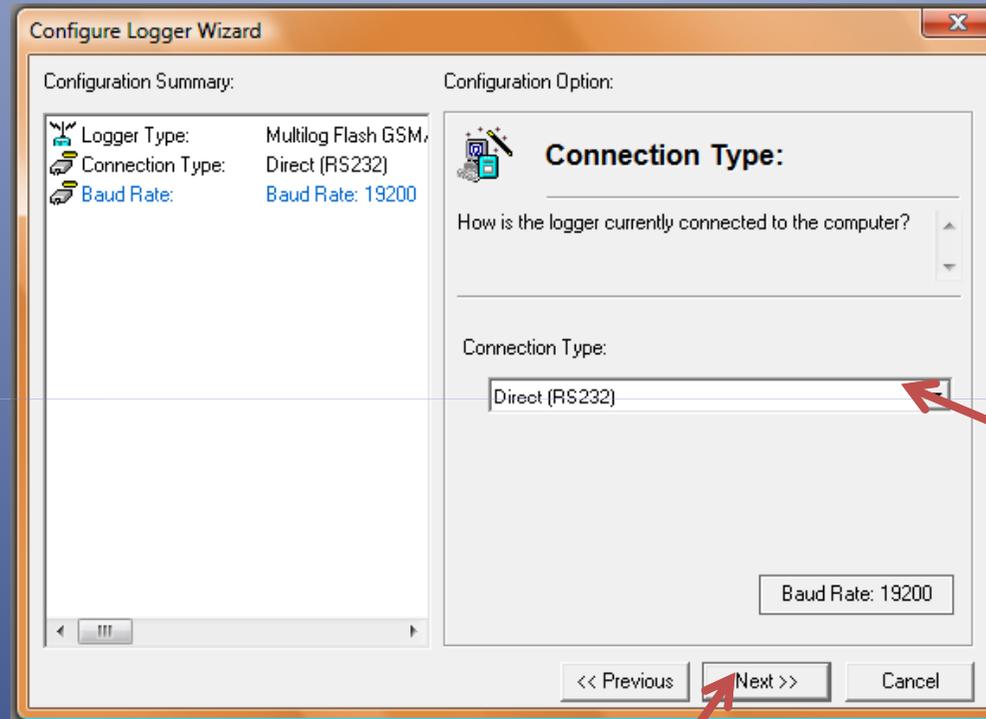
If in doubt as to logger type, select autodetect

Programming A Radcom Logger for a Rain Gauge



SELECT THE NEXT BUTTON

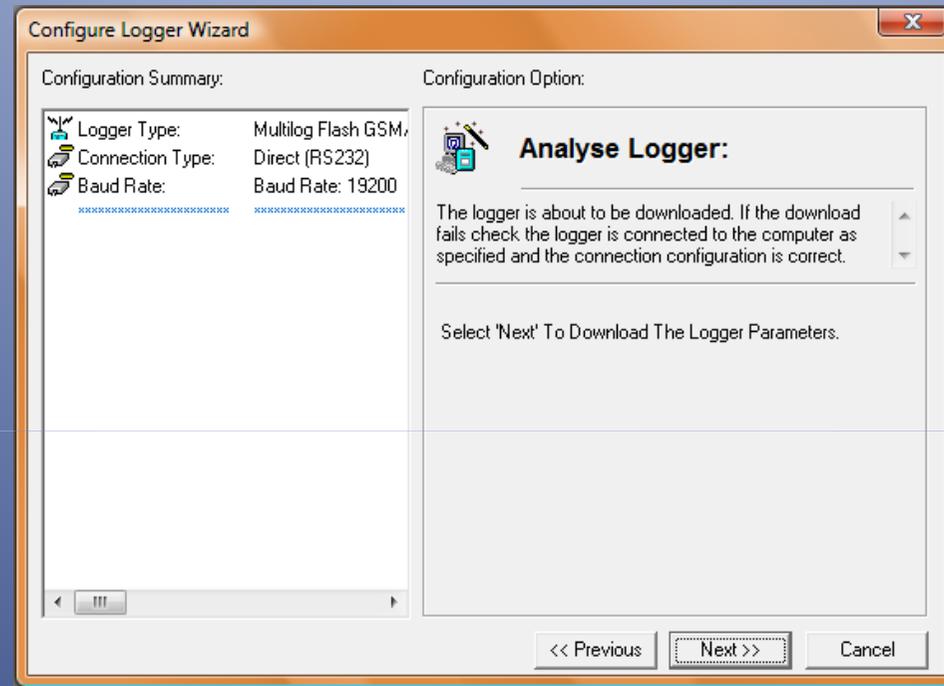
Programming A Radcom Logger for a Rain Gauge



IF YOU ARE
CONNECTED
DIRECTLY TO
THE LOGGER
LEAVE AS THIS
OPTION

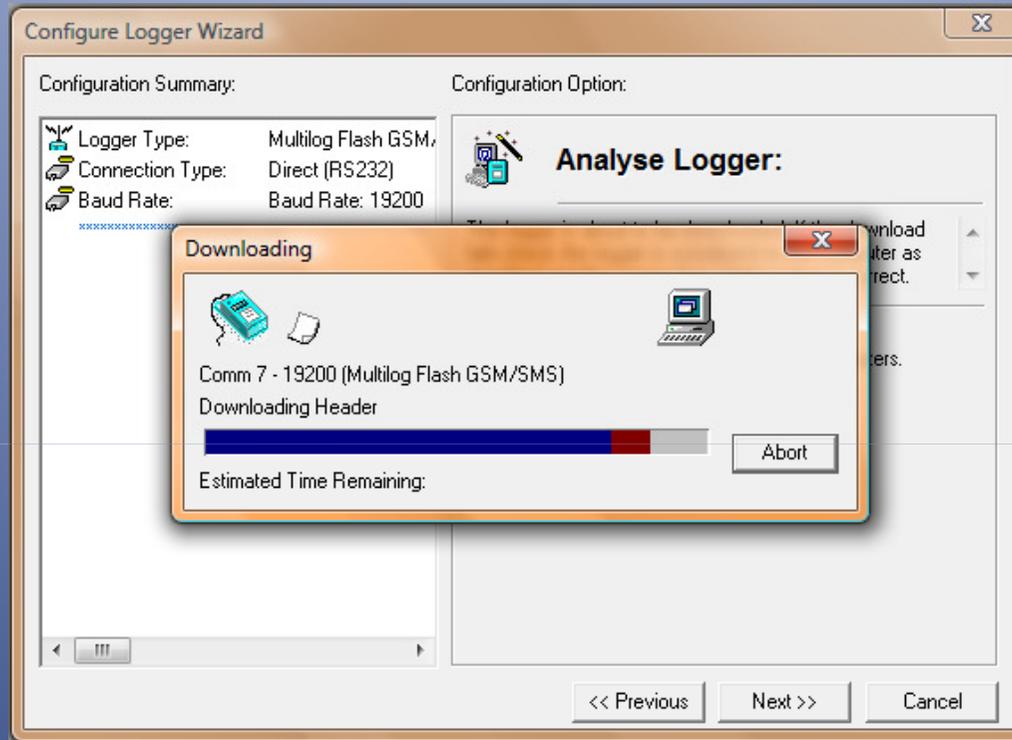
SELECT THE NEXT BUTTON

Programming A Radcom Logger for a Rain Gauge



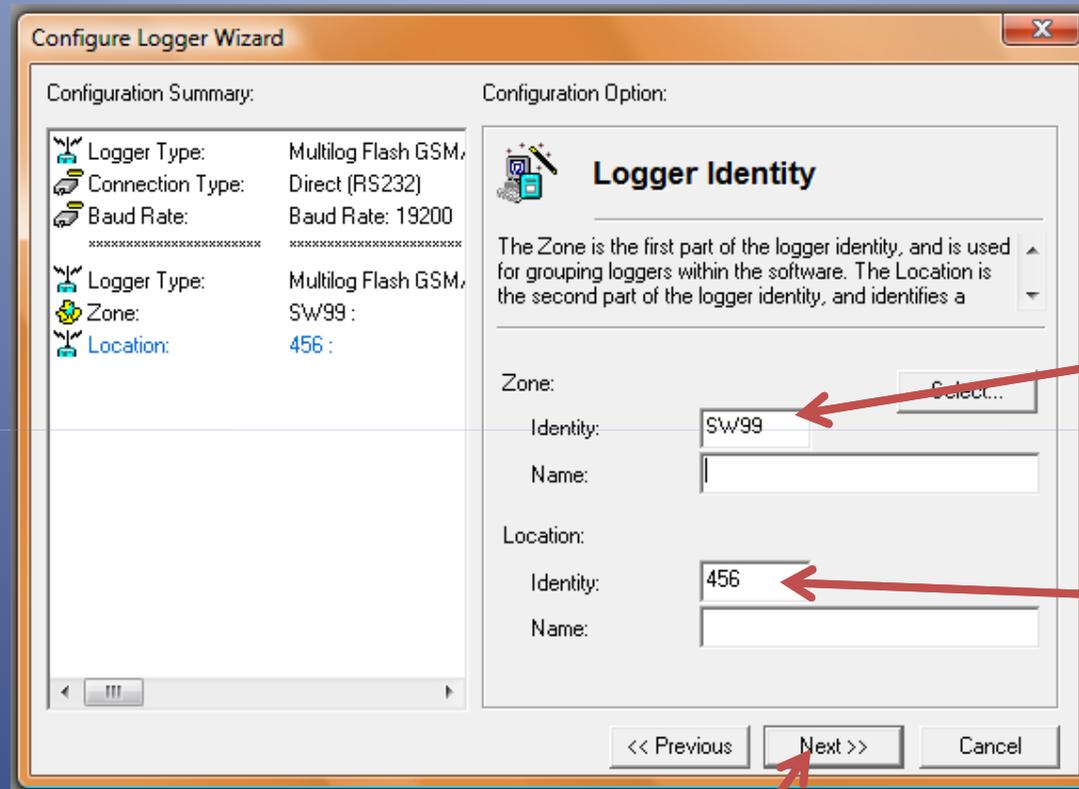
SELECT THE NEXT BUTTON TO DOWNLOAD THE LOGGERS CURRENT CONFIGURATION

Programming A Radcom Logger for a Rain Gauge



YOU SHOULD NOW SEE THE ABOVE SCREEN SHOWING THE CURRENT LOGGER PARAMETERS BEING TRANSFERRED TO YOUR COMPUTER

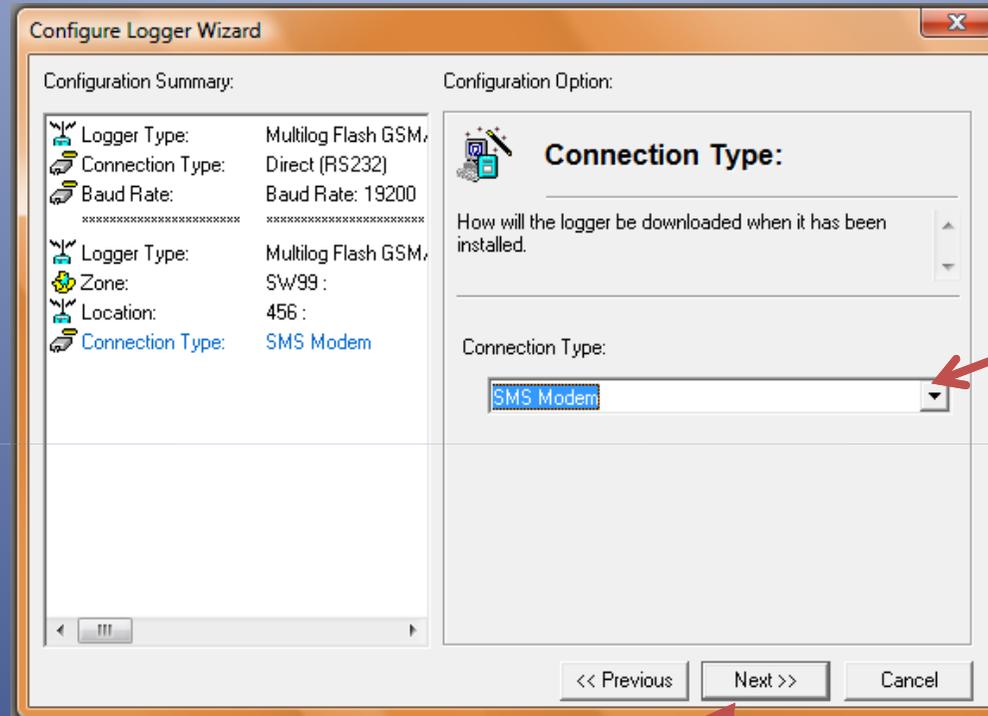
Programming A Radcom Logger for a Rain Gauge



ENTER AN
INDIVIDUAL
ZONE
IDENTITY (4
DIGITS)
AND
LOCATION
IDENTITY (3
DIGITS)

SELECT THE NEXT BUTTON

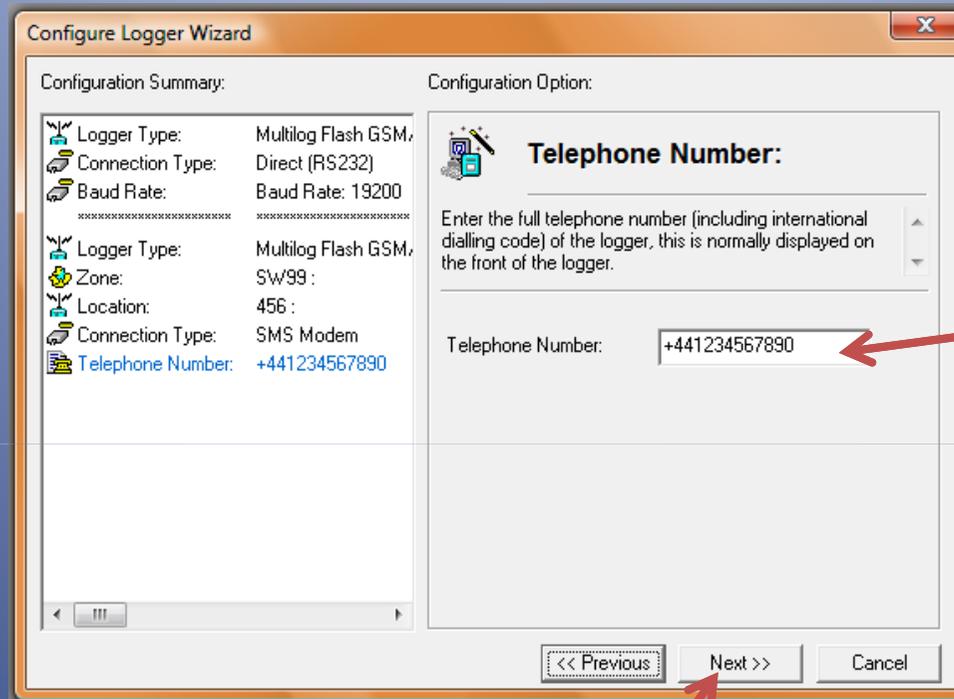
Programming A Radcom Logger for a Rain Gauge



SELECT THE SMS
MODEM OPTION
FROM THE
DROPDOWN BOX

SELECT THE NEXT BUTTON

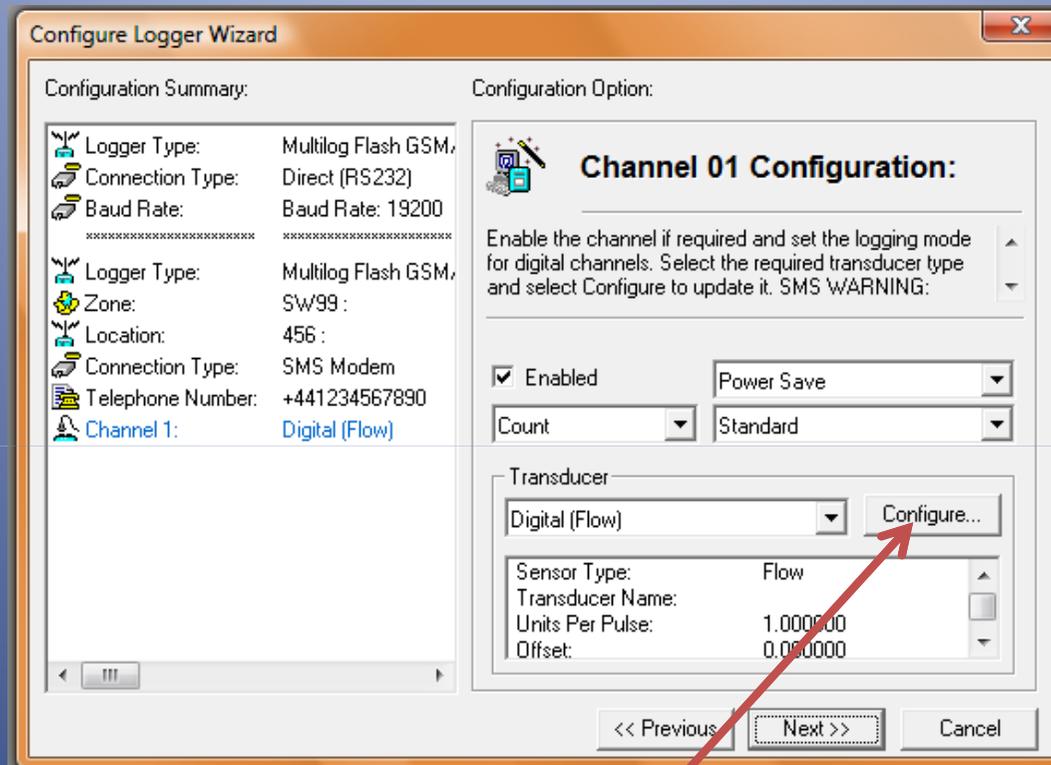
Programming A Radcom Logger for a Rain Gauge



ENTER THE TELEPHONE NUMBER OF THE INSERTED SIM CARD HERE IN INTERNATIONAL FORMAT

SELECT THE NEXT BUTTON

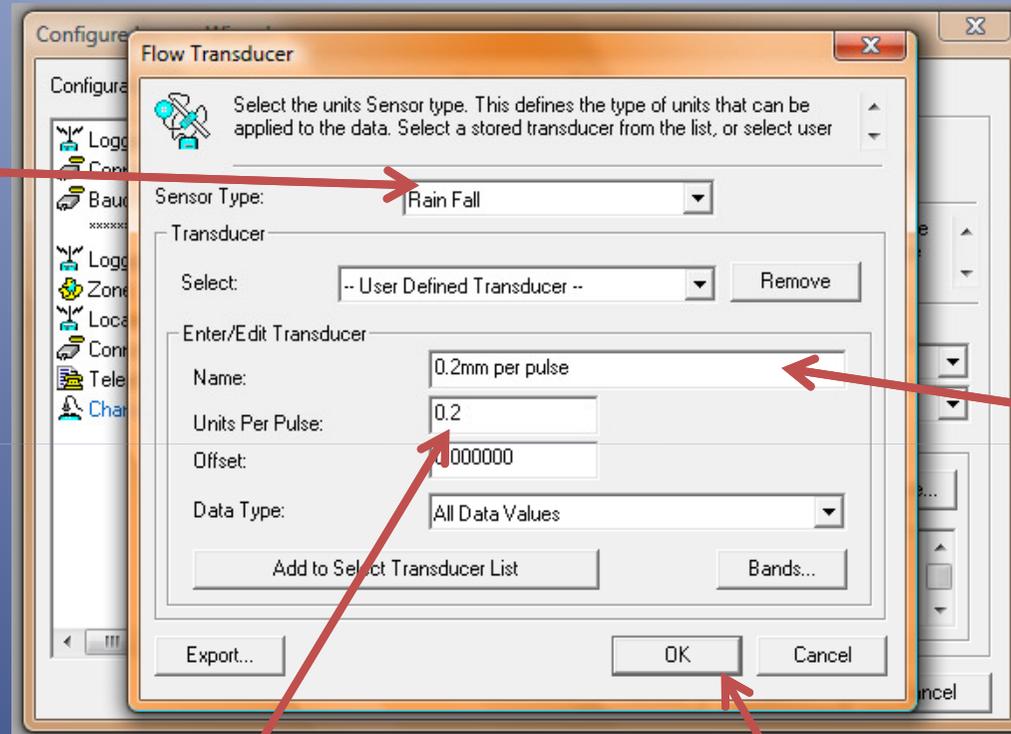
Programming A Radcom Logger for a Rain Gauge



ON THIS NEXT SCREEN SELECT CONFIGURE

Programming A Radcom Logger for a Rain Gauge

SELECT
RAINFALL
FROM THE
DROP DOWN
BOX

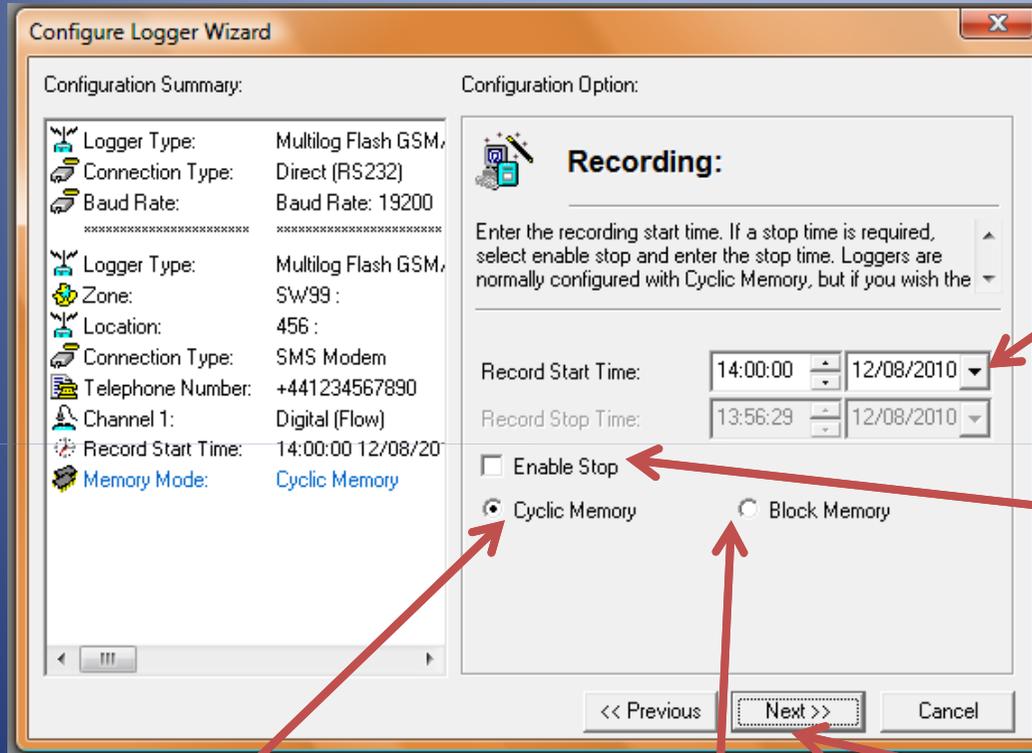


YOU MAY PUT
A NAME IN
HERE TO
REMAND YOU
WHAT YOU
HAVE
CONFIGURED
THE CHANNEL
FOR

CHECK THE MANUFACTURERS SPEC FOR YOUR TIPPING BUCKET SPECIFICATION. IN THIS CASE THE BUCKET WILL TIP ONCE FOR EVERY 0.2MM OF RAINFALL.

ONCE YOU HAVE COMPLETED ALL OF THE ABOVE STEPS SELECT OK

Programming A Radcom Logger for a Rain Gauge



You may specify a future date and time when you want the logger to start logging, otherwise leave as a past date to start logging right away

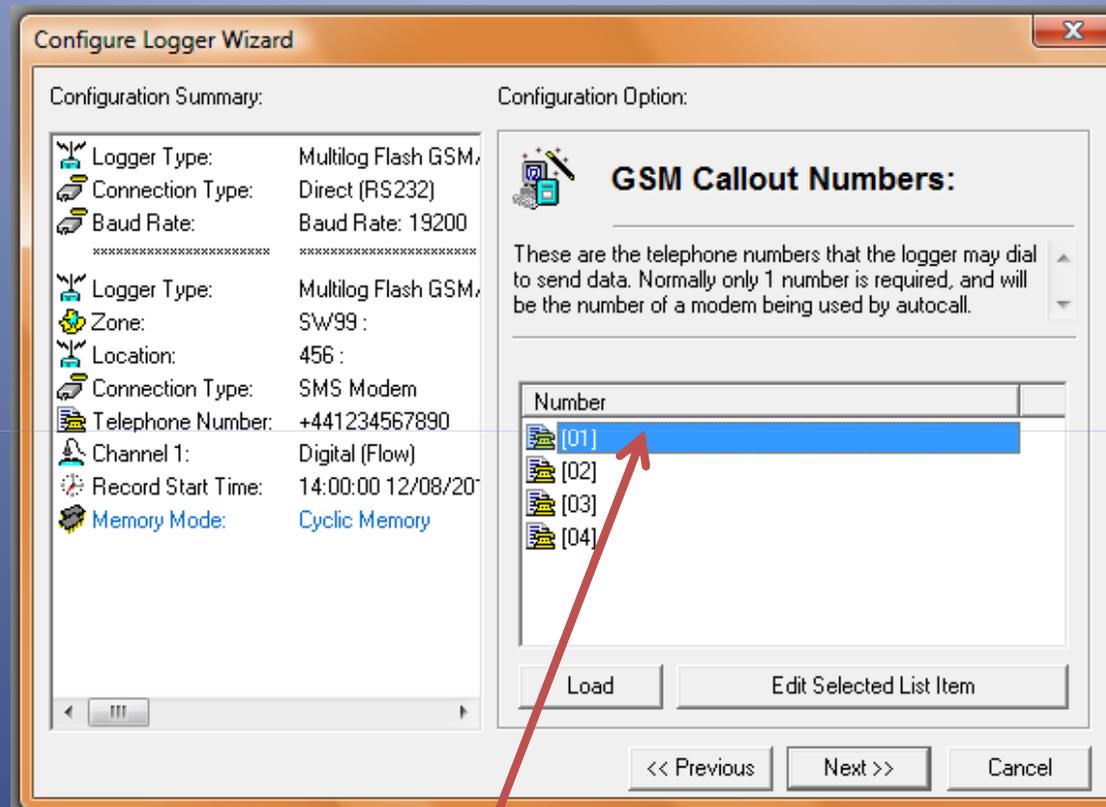
By enabling this option you can specify a stop date above when you want to stop logging

Cyclic will fill the memory then start overwriting the oldest data

Block memory will fill the memory then stop logging

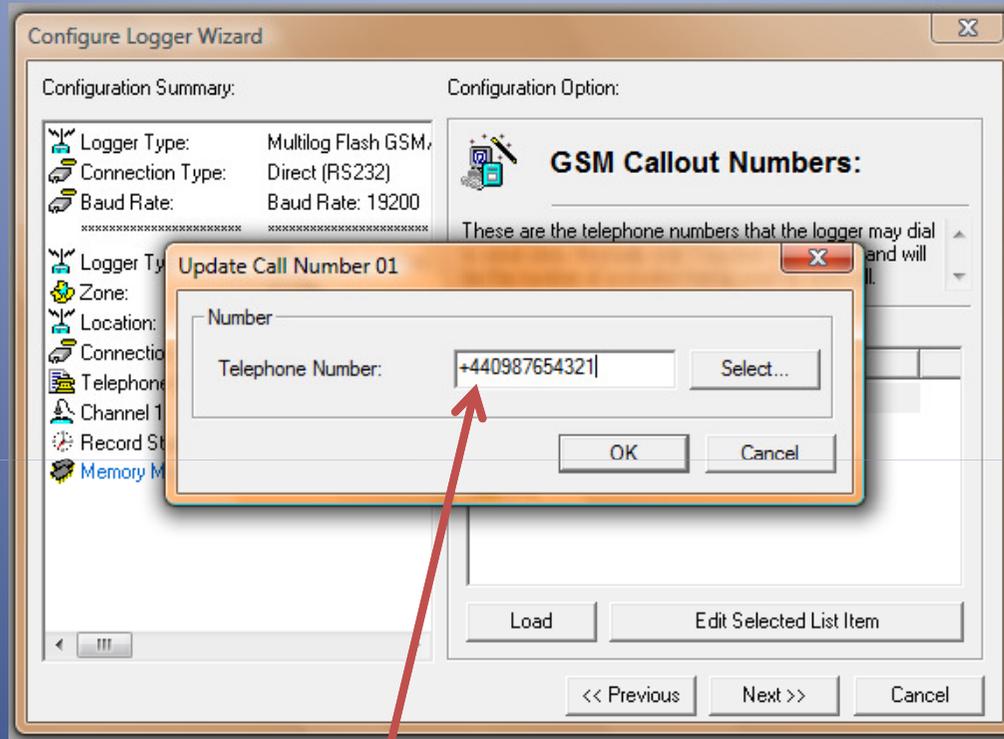
SELECT THE NEXT BUTTON TO CONTINUE

Programming A Radcom Logger for a Rain Gauge



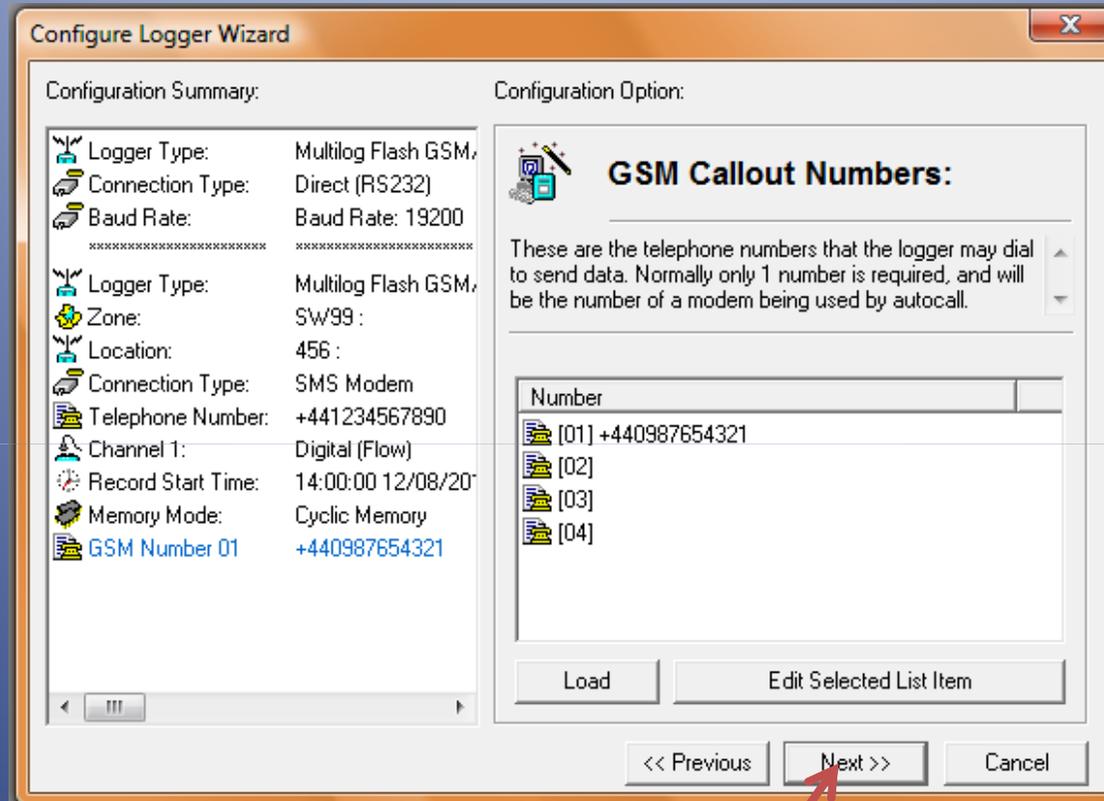
Double click the first entry point

Programming A Radcom Logger for a Rain Gauge



Enter the telephone number of the receiving modem that you wish the logger to call, then select ok

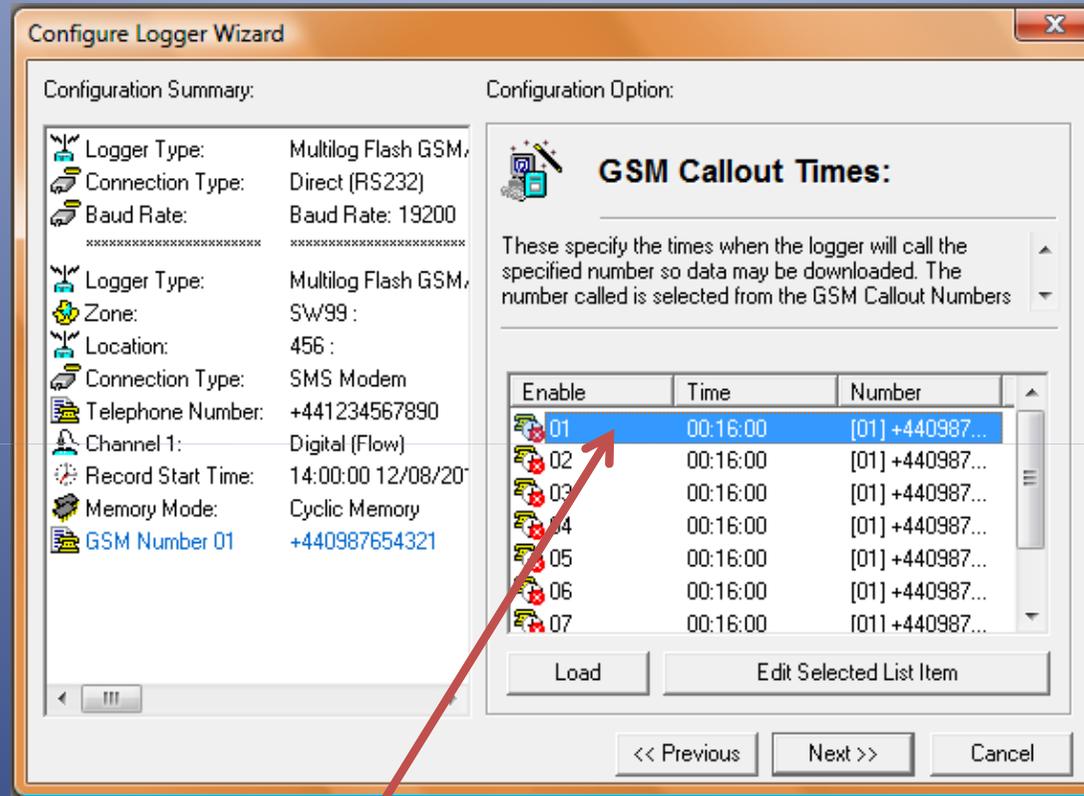
Programming A Radcom Logger for a Rain Gauge



SELECT THE NEXT BUTTON

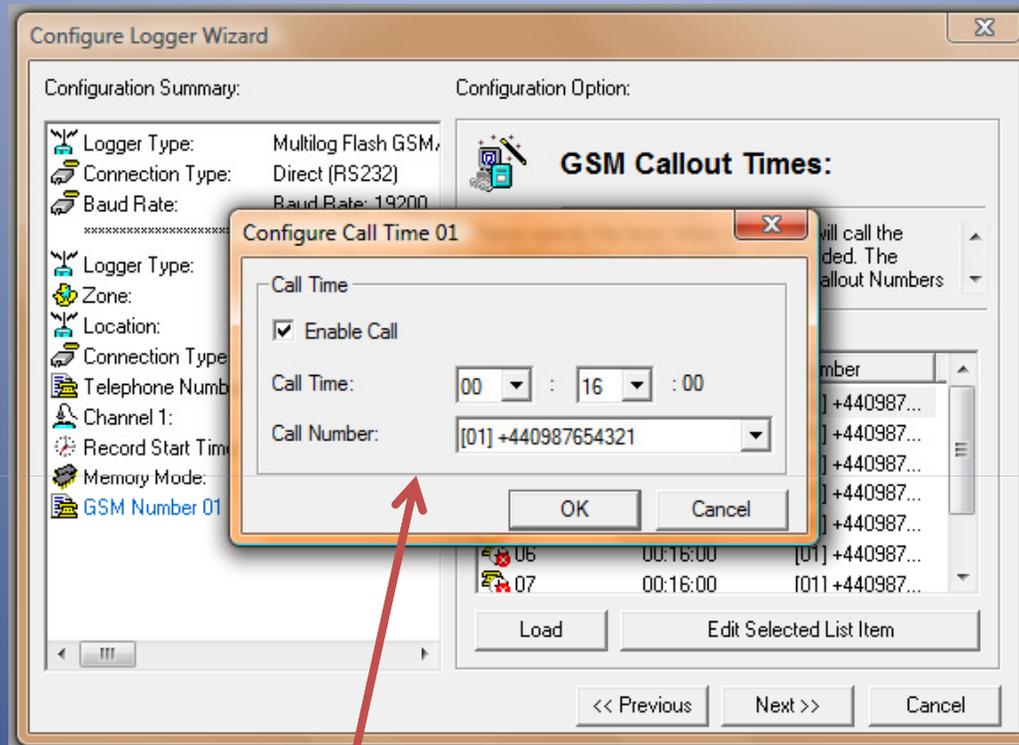
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Programming A Radcom Logger for a Rain Gauge



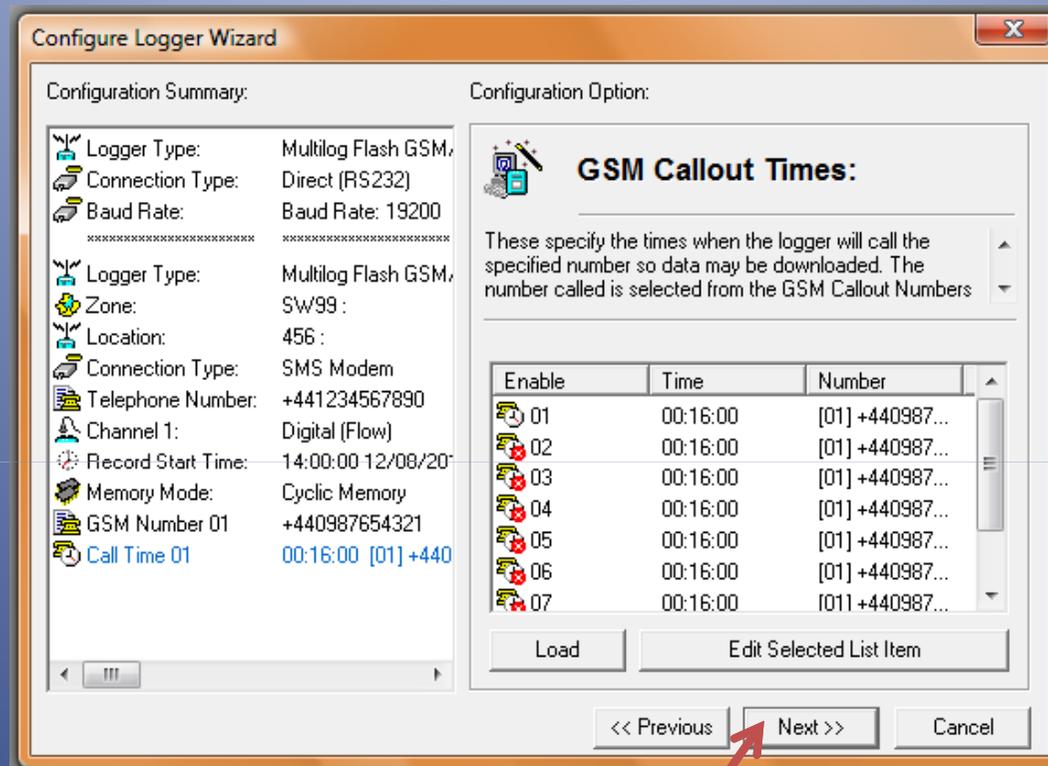
Double click the first entry

Programming A Radcom Logger for a Rain Gauge



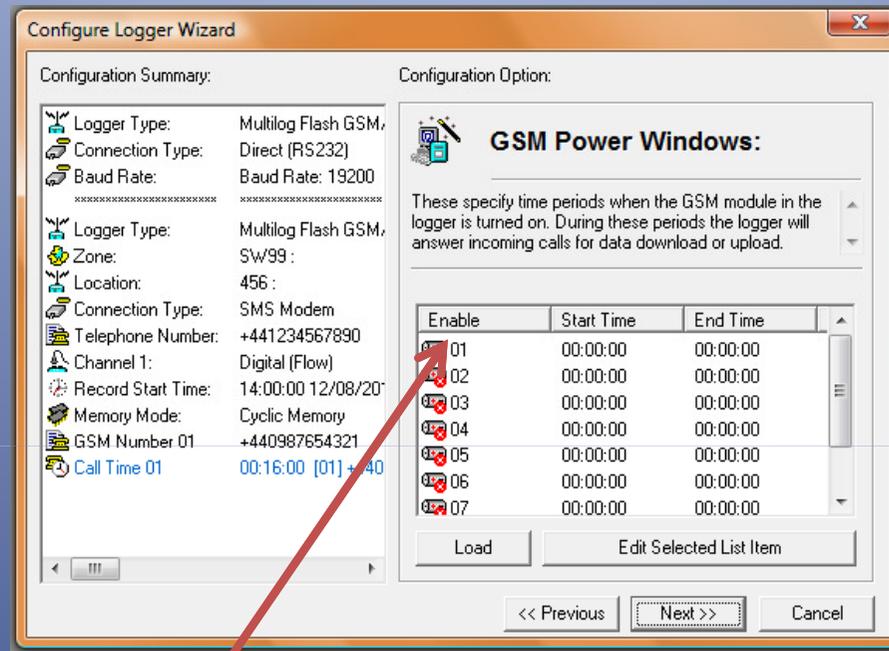
Select the enable call check box, then use the drop down boxes to enter the time you wish the logger to call your receiving modem, then click ok.

Programming A Radcom Logger for a Rain Gauge



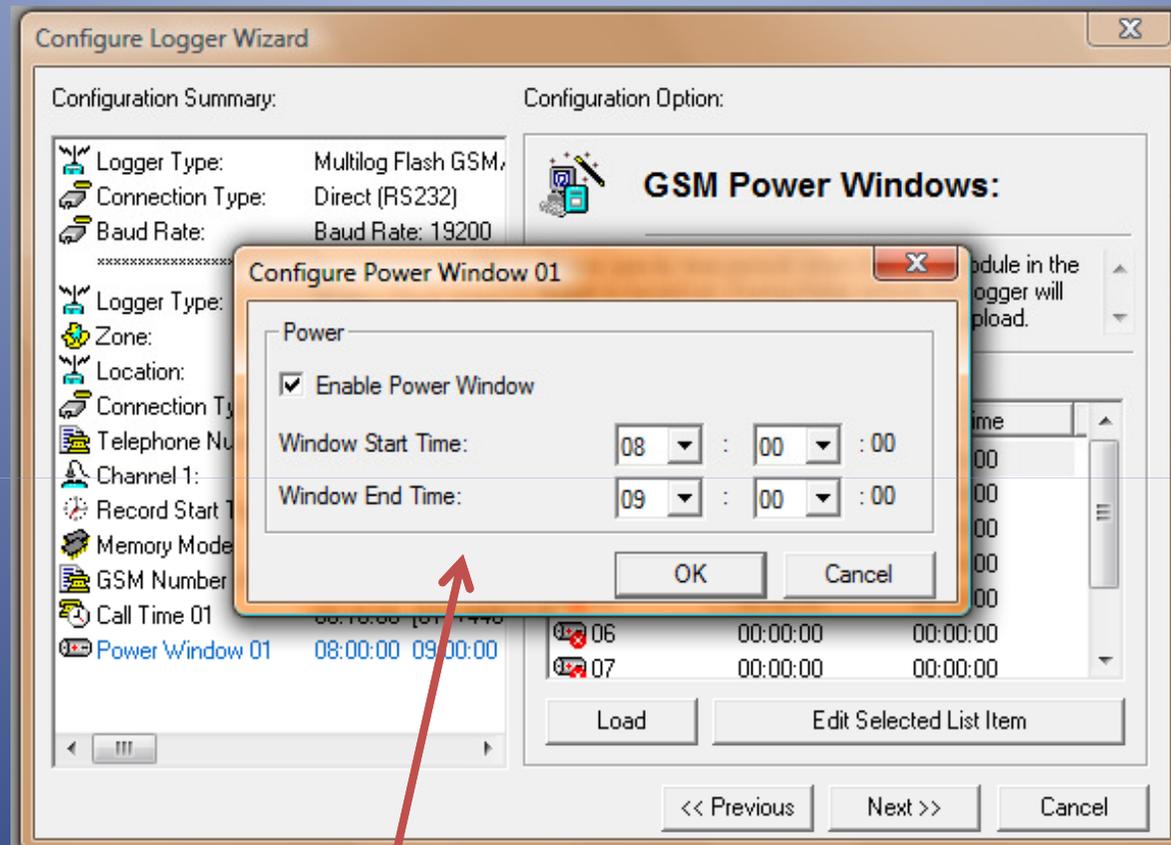
SELECT THE NEXT BUTTON

Programming A Radcom Logger for a Rain Gauge



If you wish to enter a power window time (this is when your logger will be awake ready to accept incoming calls), double click the first entry line.

Programming A Radcom Logger for a Rain Gauge

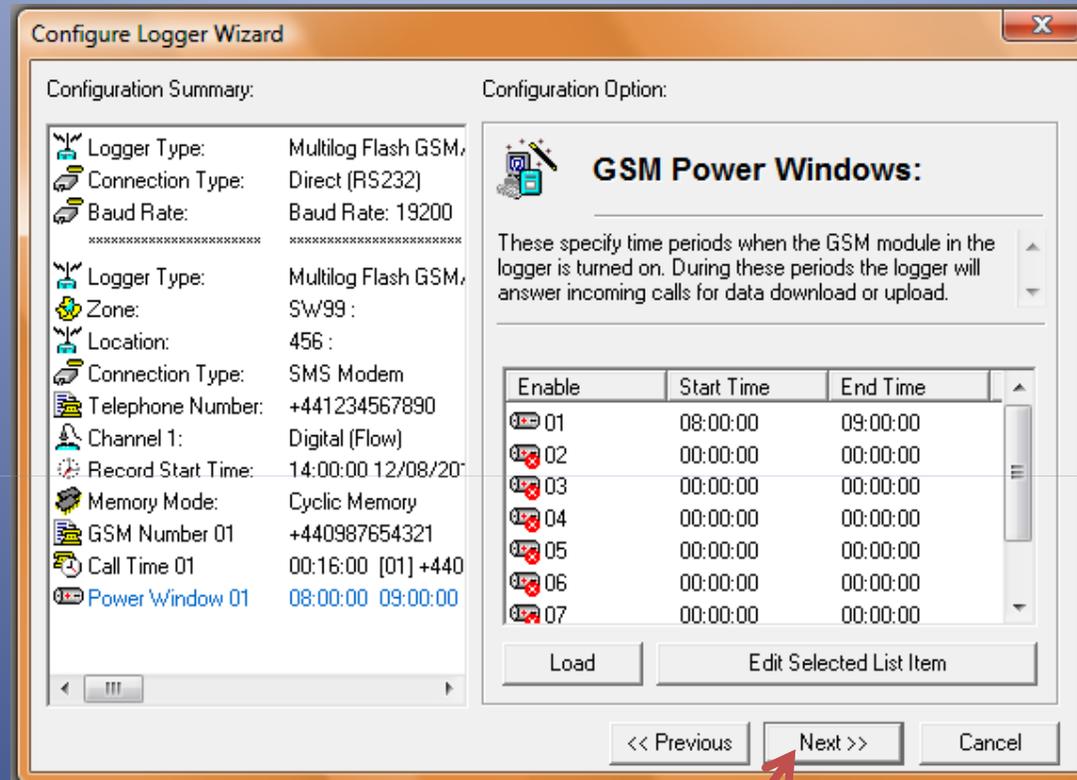


Make sure the enable power window box is checked and then use the drop down boxes to enter your start and end times of your power window. When completed, click

ok.

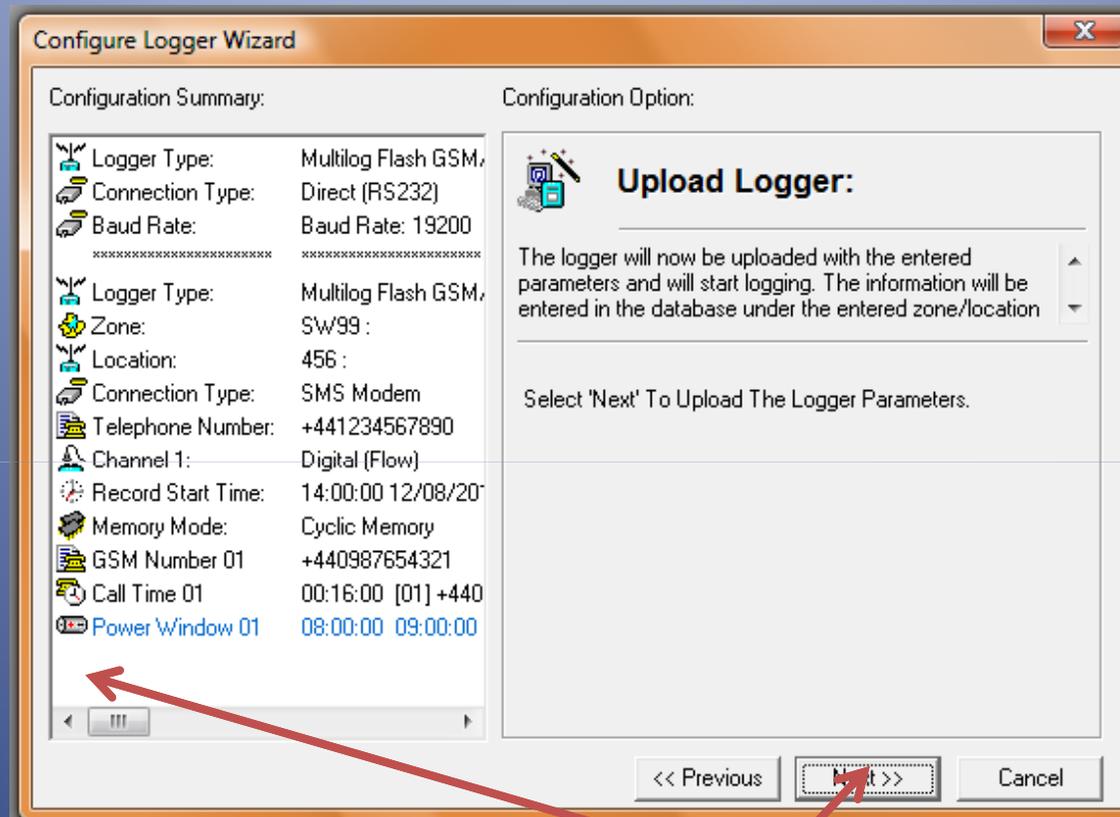
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Programming A Radcom Logger for a Rain Gauge



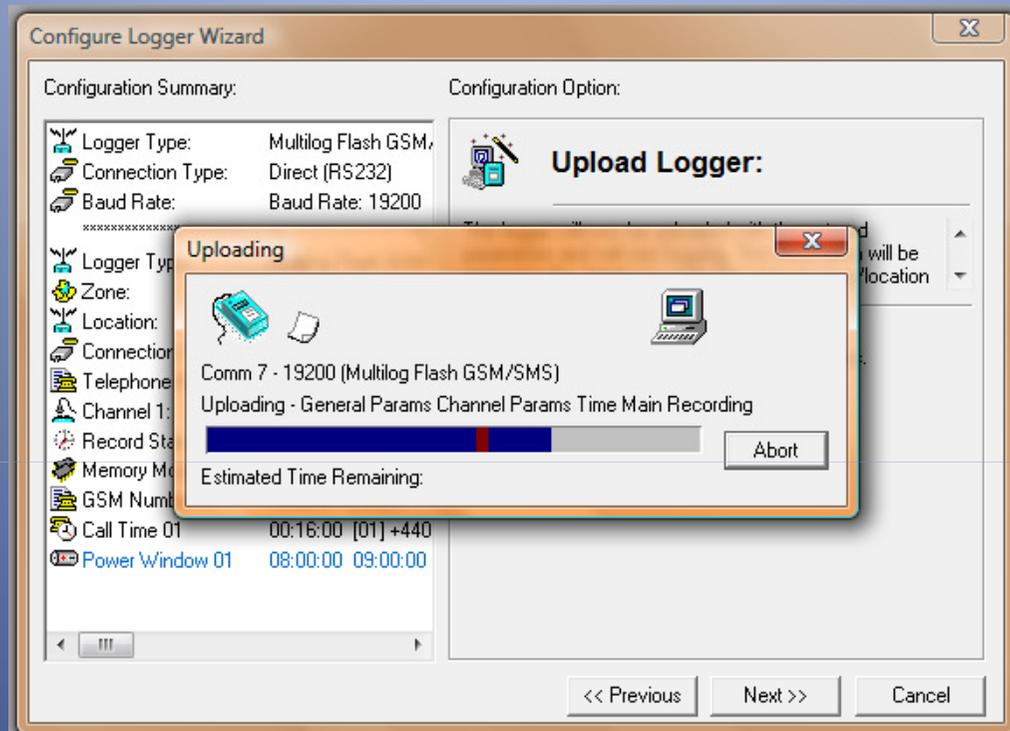
SELECT THE NEXT BUTTON

Programming A Radcom Logger for a Rain Gauge



YOU CAN NOW REVIEW ALL YOUR ENTERED CONFIGURATION IN THE LEFT WINDOW PANE. IF YOU ARE UNHAPPY WITH ANY OPTION SIMPLY PRESS THE BACK BUTTON UNTIL YOU GET TO THE SCREEN YOU WISH TO MODIFY. ONCE YOU ARE HAPPY WITH YOUR CONFIGURATION SELECT THE NEXT BUTTON

Programming A Radcom Logger for a Rain Gauge



CONGRATULATIONS !!! YOUR LOGGER WILL NOW BE UPLOADED WITH YOUR SETTINGS.

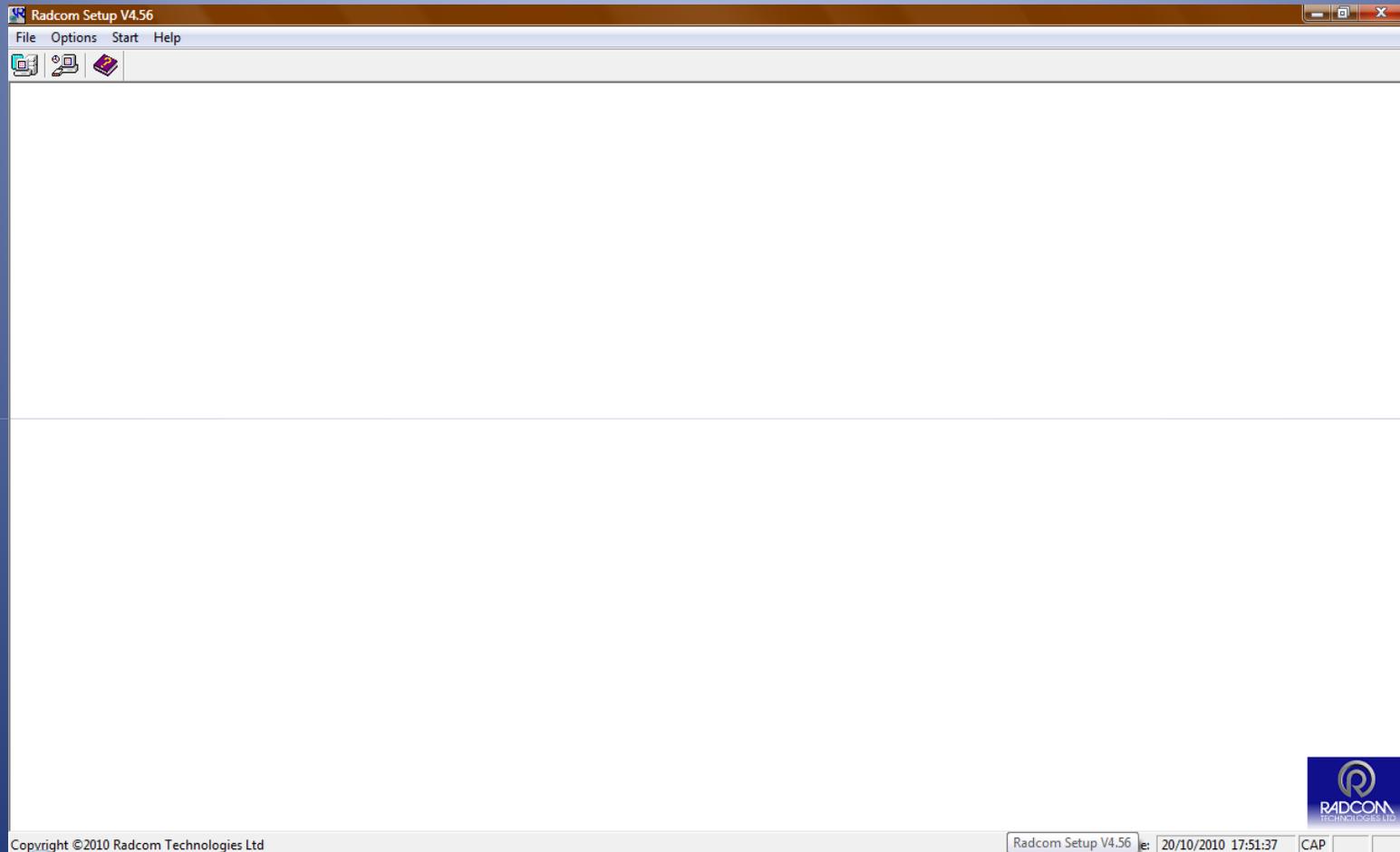
Programming A Radcom Logger for a Rain Gauge

WE WILL NOW CONFIGURE YOUR RECEIVING COMPUTER RADWIN SYSTEM.

WE WILL HAVE TO SETUP YOUR CONFIGURATION TO MAKE THE DATA CORRECT TAKING INTO ACCOUNT YOUR UNITS PER PULSE AS SPECIFIED IN YOUR RAIN GAUGE DOCUMENTATION IN THE EXAMPLES BELOW THE RAIN GAUGE SPECIFICATION STATES THAT FOR EVERY 0.2MM OF RAIN THE BUCKET WILL TIP SENDING A PULSE TO THE LOGGER.

FIRST STAGE IS TO OPEN THE RADWIN SETUP PROGRAM ON YOUR RECEIVING COMPUTER

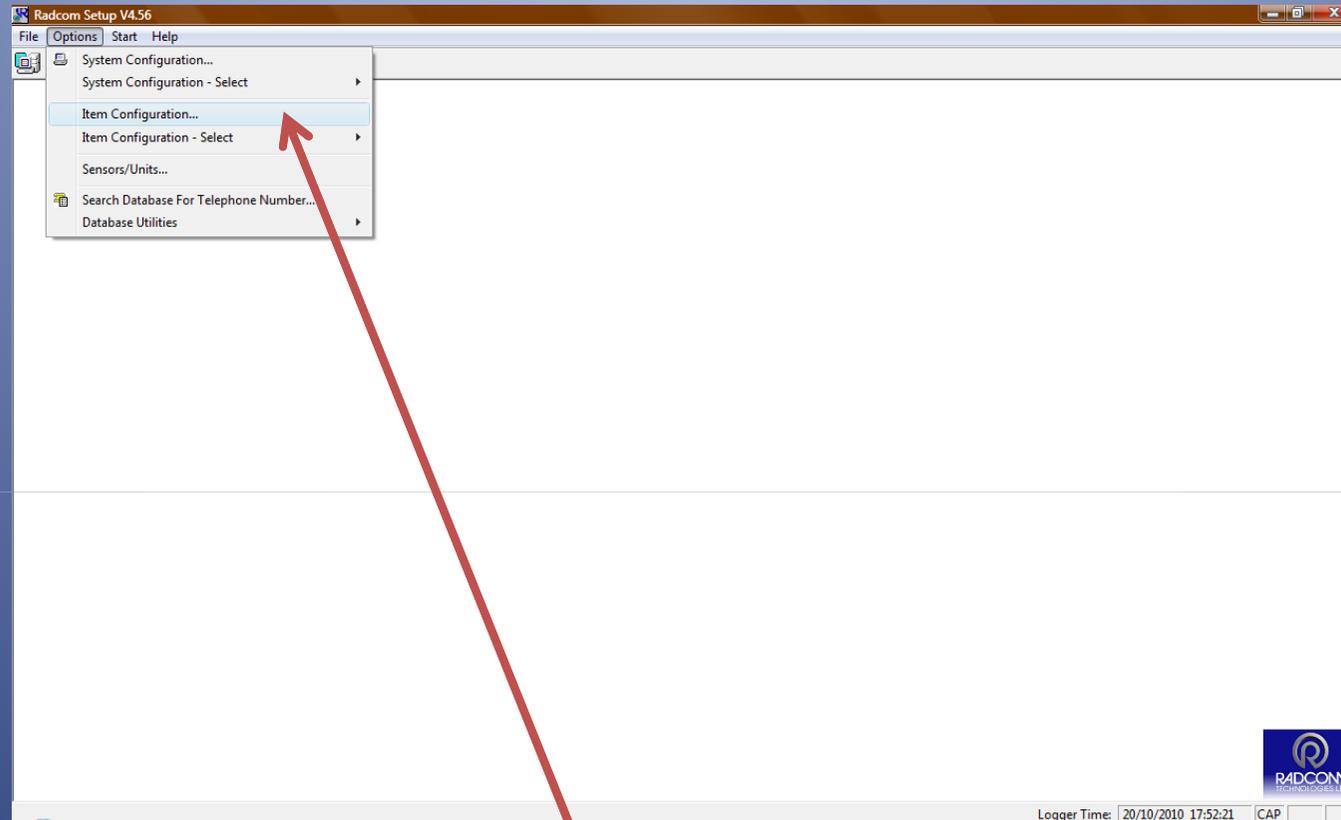
Programming A Radcom Logger for a Rain Gauge



WHEN THE PROGRAM OPENS YOU WILL BE PRESENTED WITH THE ABOVE

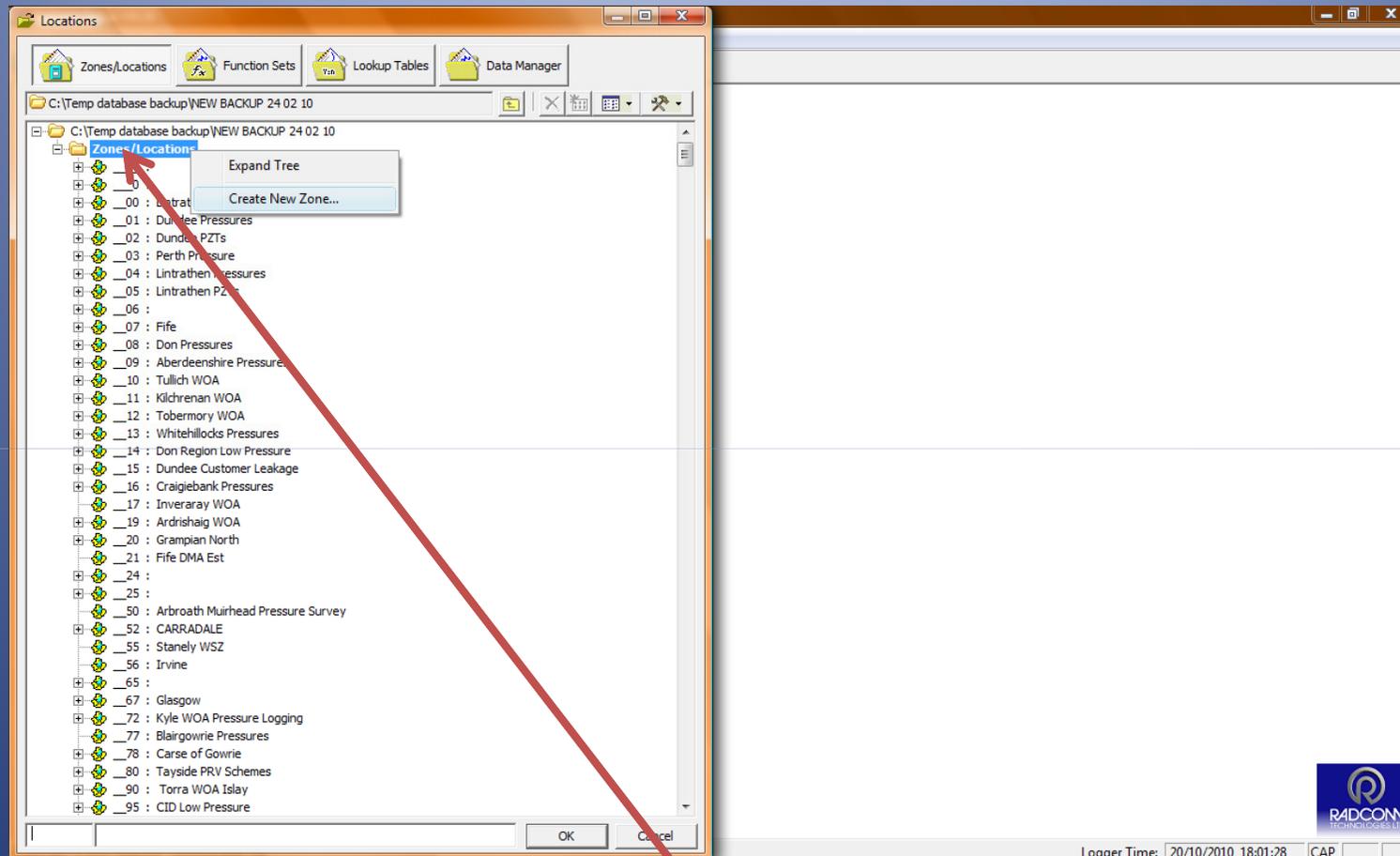
SCREEN
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Programming A Radcom Logger for a Rain Gauge



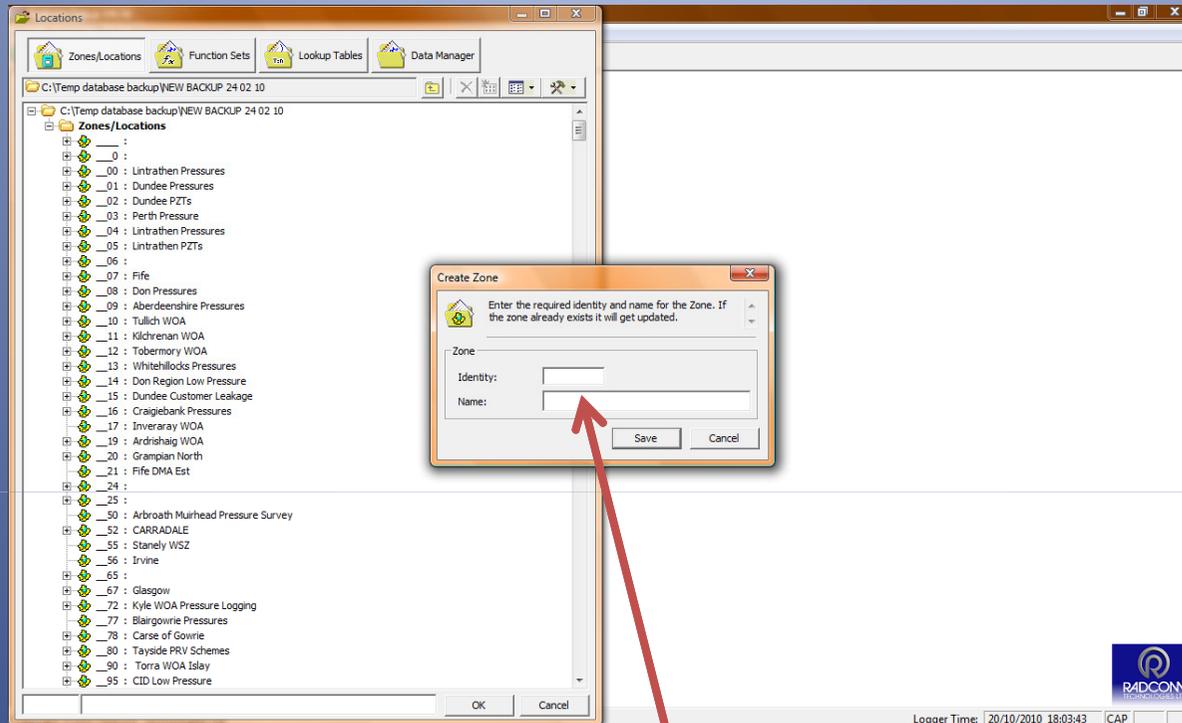
FROM THE OPTIONS BUTTON SELECT ITEM CONFIGURATION

Programming A Radcom Logger for a Rain Gauge



RIGHT CLICK ON THE ZONES / LOCATIONS FOLDER AND CLICK CREATE NEW ZONE

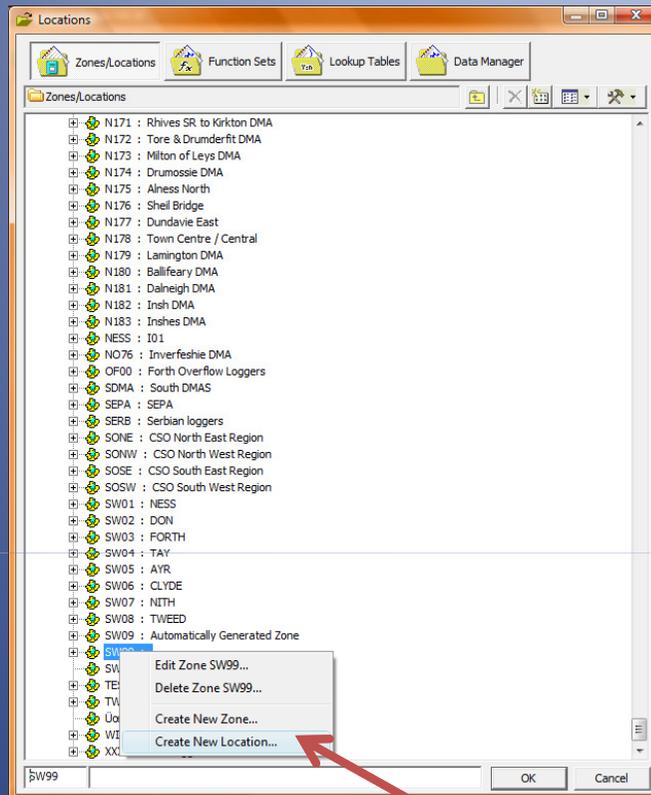
Programming A Radcom Logger for a Rain Gauge



IN THIS WINDOW TOP LINE INSERT THE 4 DIGIT ZONE ID EXACTLY AS IT WAS PROGRAMMED INTO THE LOGGER. YOU MAY ALSO INSERT AN OPTIONAL NAME IN THE SECOND LINE. SELECT SAVE TO ADD THIS ZONE TO YOUR DATABASE.

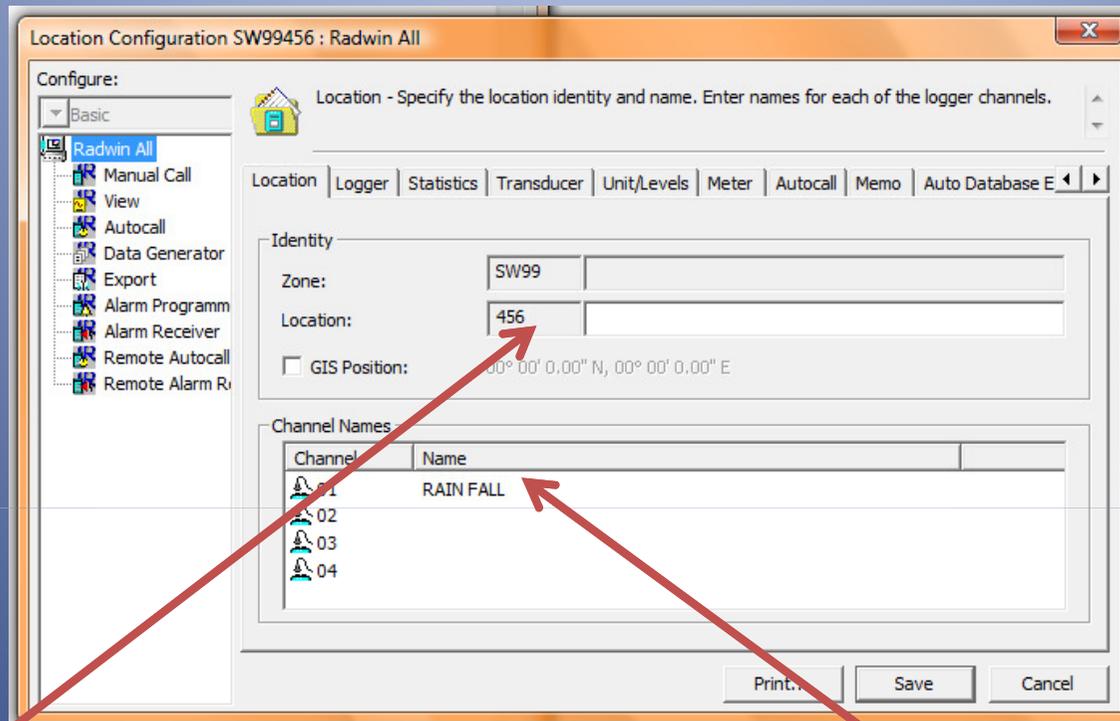
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Programming A Radcom Logger for a Rain Gauge



YOU WILL NOW BE RETURNED TO THIS SCREEN (NOTE YOUR DATABASE AS IT IS NEW WILL NOT CONTAIN AS MANY ZONES AS THIS EXAMPLE). RIGHT CLICK ON THE ZONE ID THAT YOU CREATED IN THE LAST STEP AND SELECT CREATE NEW LOCATION.

Programming A Radcom Logger for a Rain Gauge



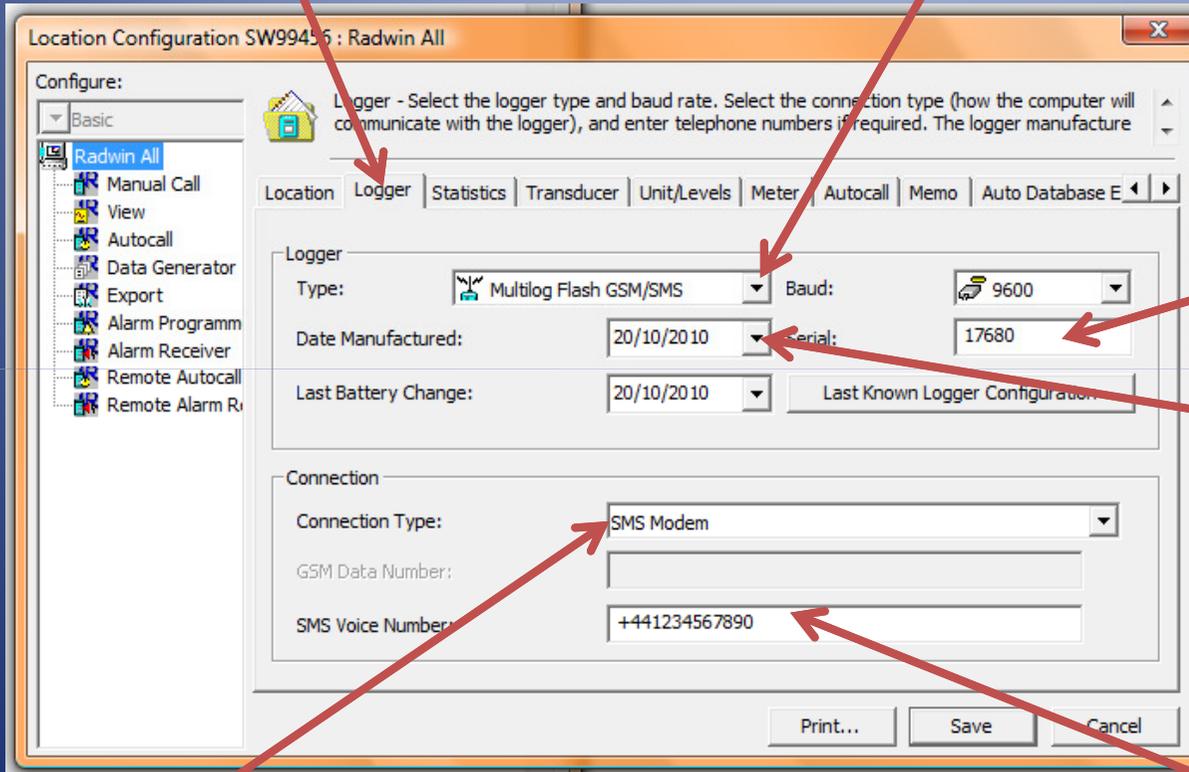
IN THIS BOX INSERT THE THREE DIGIT LOCATION ID EXACTLY THE SAME AS PROGRAMMED INTO THE LOGGER. ONCE AGAIN YOU MAY USE THE BOX TO THE RIGHT TO GIVE IT A NAME (ADDRESS OR ZIP CODE ETC)

YOU MAY ALSO NAME THE CHANNEL NUMBER ON THE LOGGER THAT YOU CONNECTED THE RAIN GAUGE TO, TO SOMETHING YOU WANT.

Programming A Radcom Logger for a Rain Gauge

1. SELECT LOGGER FROM THE TABS AT THE TOP

2. SELECT YOUR LOGGER TYPE FROM THE DROP DOWN BOX



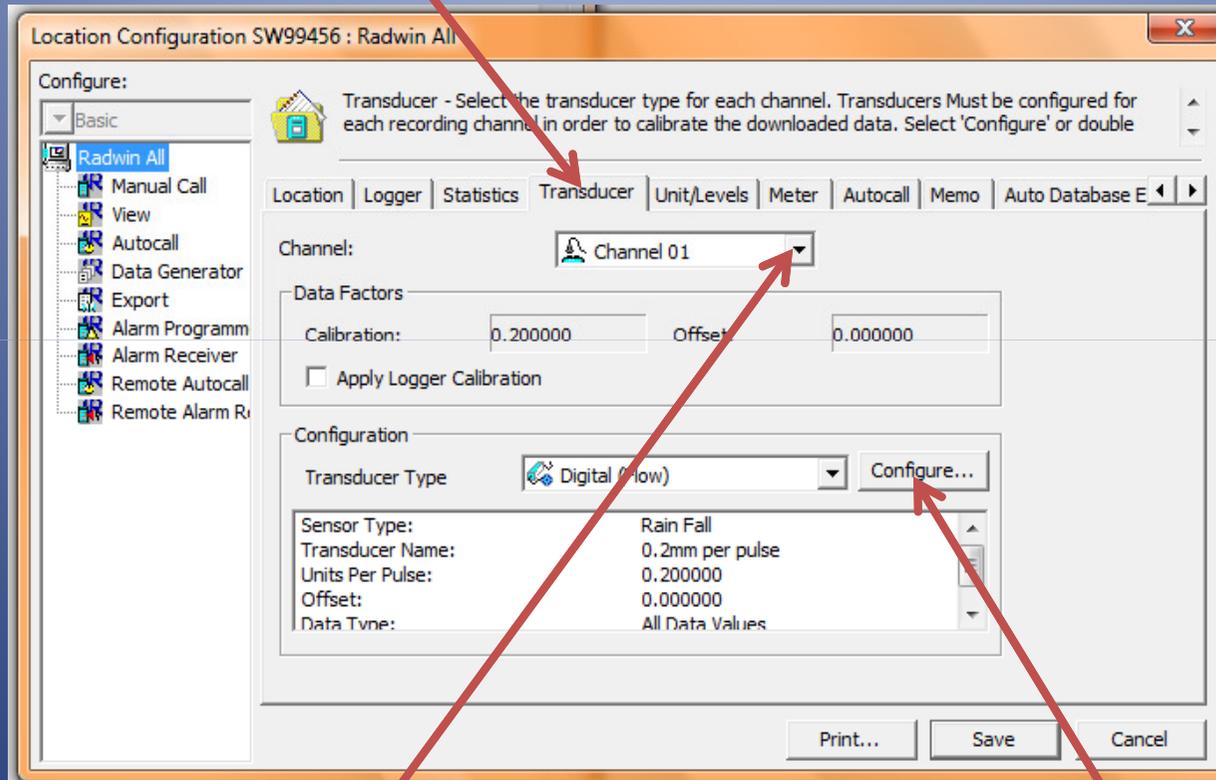
3. YOU MAY NOW OPTIONALLY FILL IN THE SERIAL NUMBER OF YOUR LOGGER AND WHAT DATE THE LOGGER WAS INSTALLED / MANUFACTURED

4. SELECT SMS MODEM FROM THE DROP DOWN BOX

5. INSERT THE TELEPHONE NUMBER OF THE SIM CARD THAT WAS INSERTED IN THE LOGGER IN INTERNATIONAL FORMAT

Programming A Radcom Logger for a Rain Gauge

1. SELECT TRANSDUCER FROM THE TABS AT THE TOP OF THE SCREEN



2. SELECT THE CHANNEL NUMBER THAT YOU CONNECTED THE RAIN GAUGE TO ON THE LOGGER FROM THE DROP DOWN BOX

3. SELECT CONFIGURE.

Programming A Radcom Logger for a Rain Gauge

Flow Transducer

Select the units Sensor type. This defines the type of units that can be applied to the data. Select a stored transducer from the list, or select user

Sensor Type: Rain Fall

Transducer

Select: -- User Defined Transducer -- Remove

Enter/Edit Transducer

Name: 0.2mm per pulse

Units Per Pulse: 0.200000

Offset: 0.000000

Data Type: All Data Values

Add to Select Transducer List Bands...

Export... OK Cancel

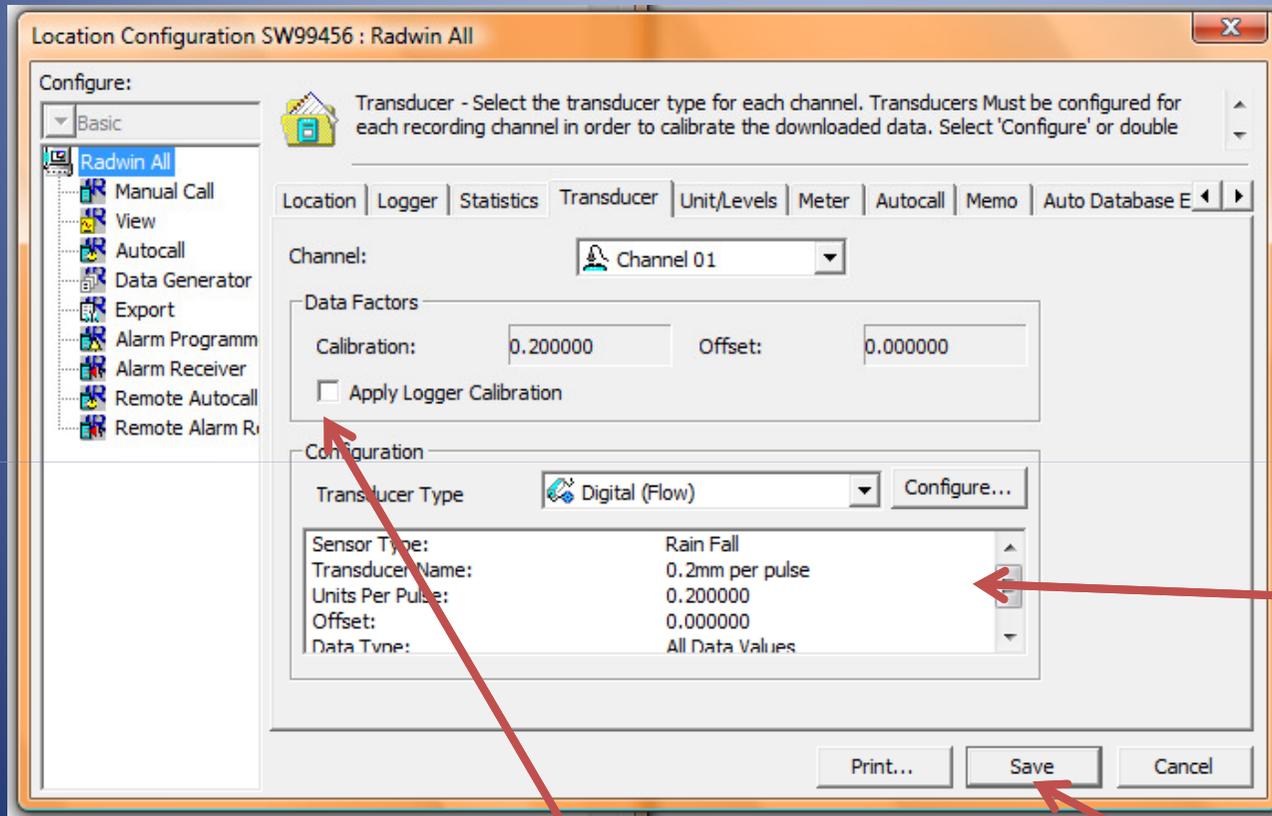
1. SELECT RAIN FALL FROM THE DROP DOWN BOX

2. YOU MAY OPTIONALLY FILL THIS BOX IN

3. INSERT THE VALUE FROM THE GAUGES SPECIFICATION FOR HOW MUCH RAINFALL PER TIP OF THE BUCKET – IN THIS CASE 0.2MM OF RAINFALL FOR EVERY TIP OF THE BUCKET ACCORDING TO THE MANUFACTURERS SPECIFICATION

4. SELECT OK

Programming A Radcom Logger for a Rain Gauge



1. ONCE RETURNED TO THIS SCREEN, IT IS VERY IMPORTANT TO UNCHECK THE BOX NEXT TO APPLY LOGGER CALIBRATION AS ABOVE

2. YOU CAN REVIEW WHAT YOU INSERTED IN THE PREVIOUS PAGE HERE

3. HIT SAVE

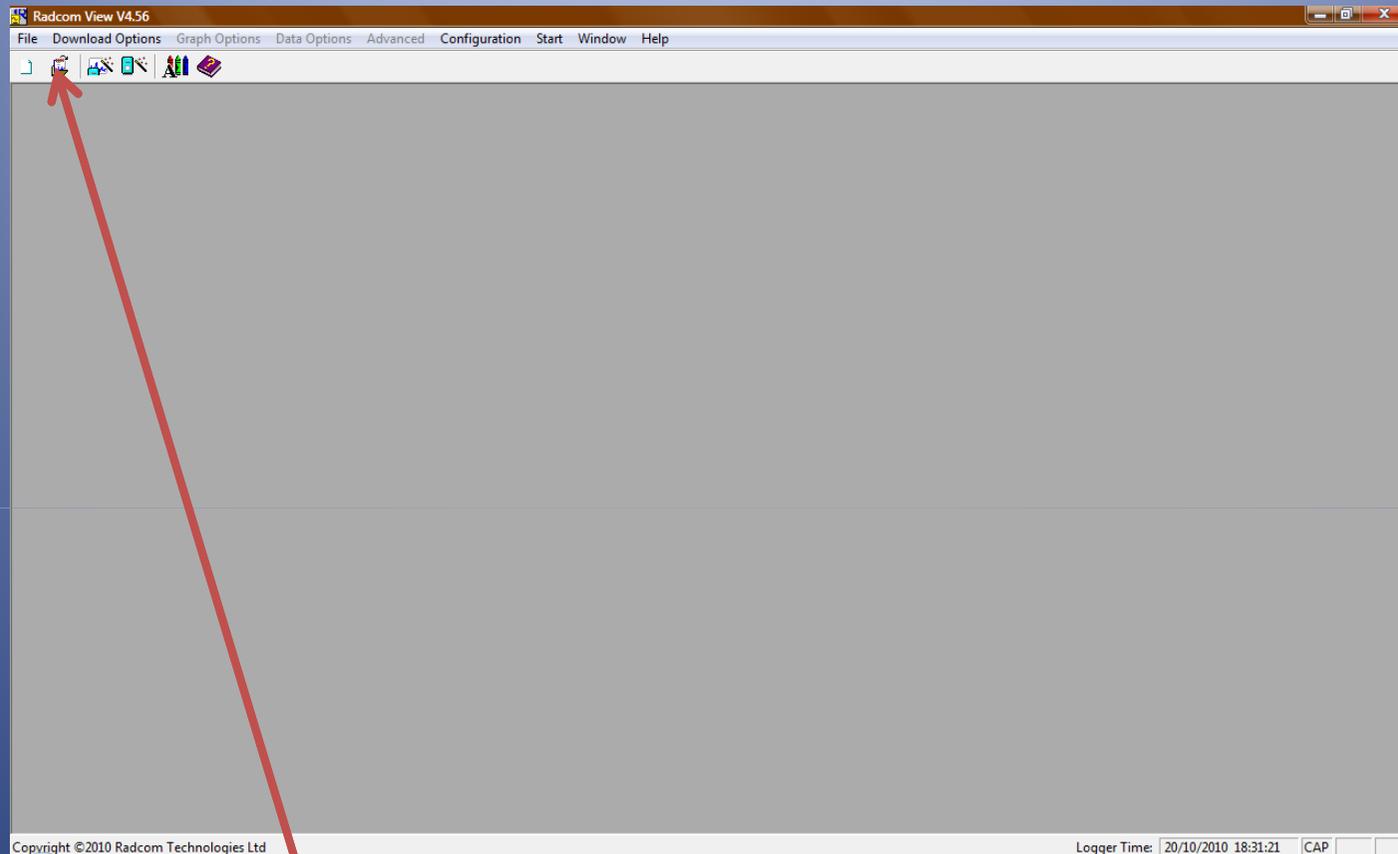
Programming A Radcom Logger for a Rain Gauge

CONGRATULATIONS AGAIN – YOU HAVE NOW CONFIGURED YOUR LOGGER ONTO YOUR TOP END RECEIVING COMPUTER.

ONCE YOUR DATA COMES IN FROM THE LOGGER YOU CAN VIEW IT USING THE RADWIN VIEW PROGRAM AS DETAILED NEXT.

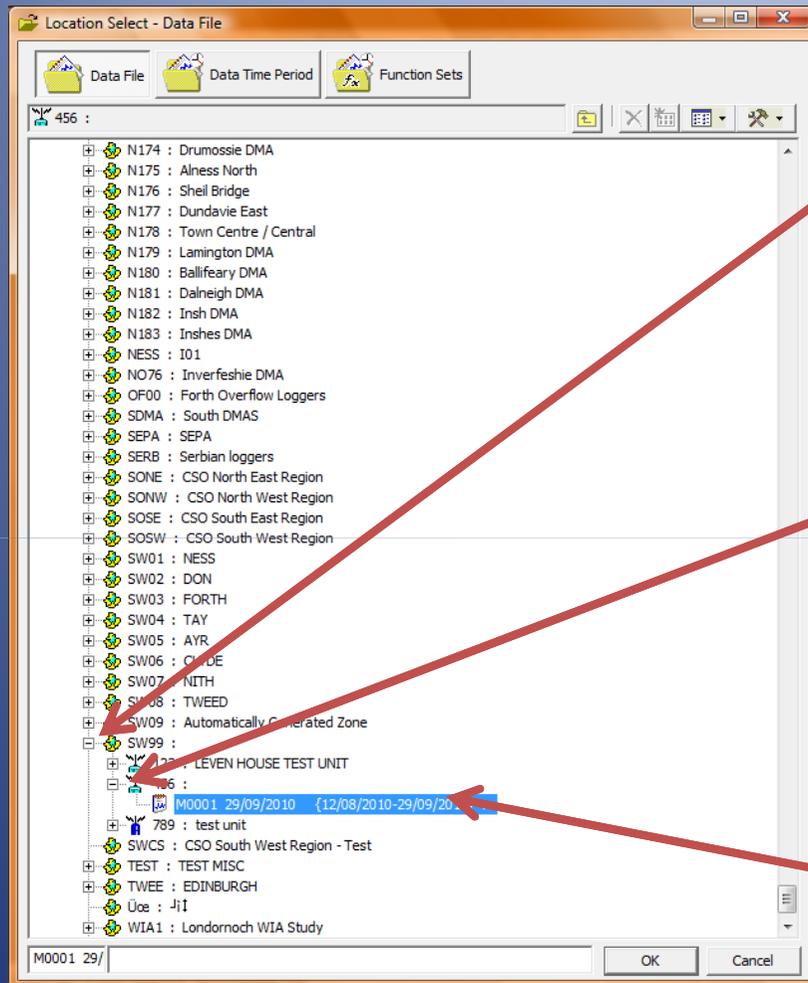
FIRST STAGE IS TO OPEN RADWIN VIEW.

Programming A Radcom Logger for a Rain Gauge



SELECT THIS ICON FROM THE TOP OF THE WINDOW

Programming A Radcom Logger for a Rain Gauge

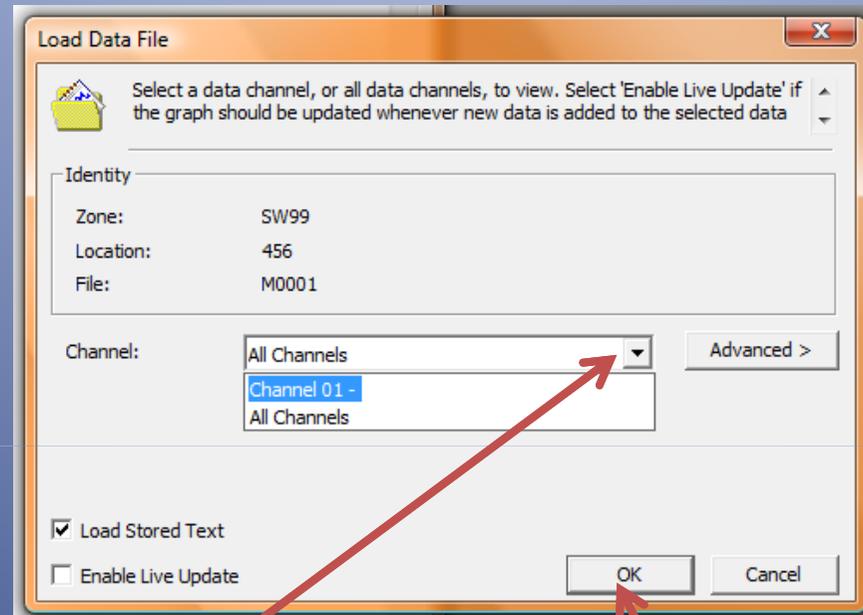


1. PRESS THE + BUTTON NEXT TO YOUR LOGGERS ZONE TO EXPAND

2. PRESS THE + BUTTON NEXT TO YOUR LOGGERS LOCATION ID TO EXPAND. IF THERE IS NO + NEXT TO YOUR LOGGER, THEN NO DATA HAS ARRIVED FROM YOUR LOGGER OR YOU HAVE MADE A CONFIGURATION MISTAKE

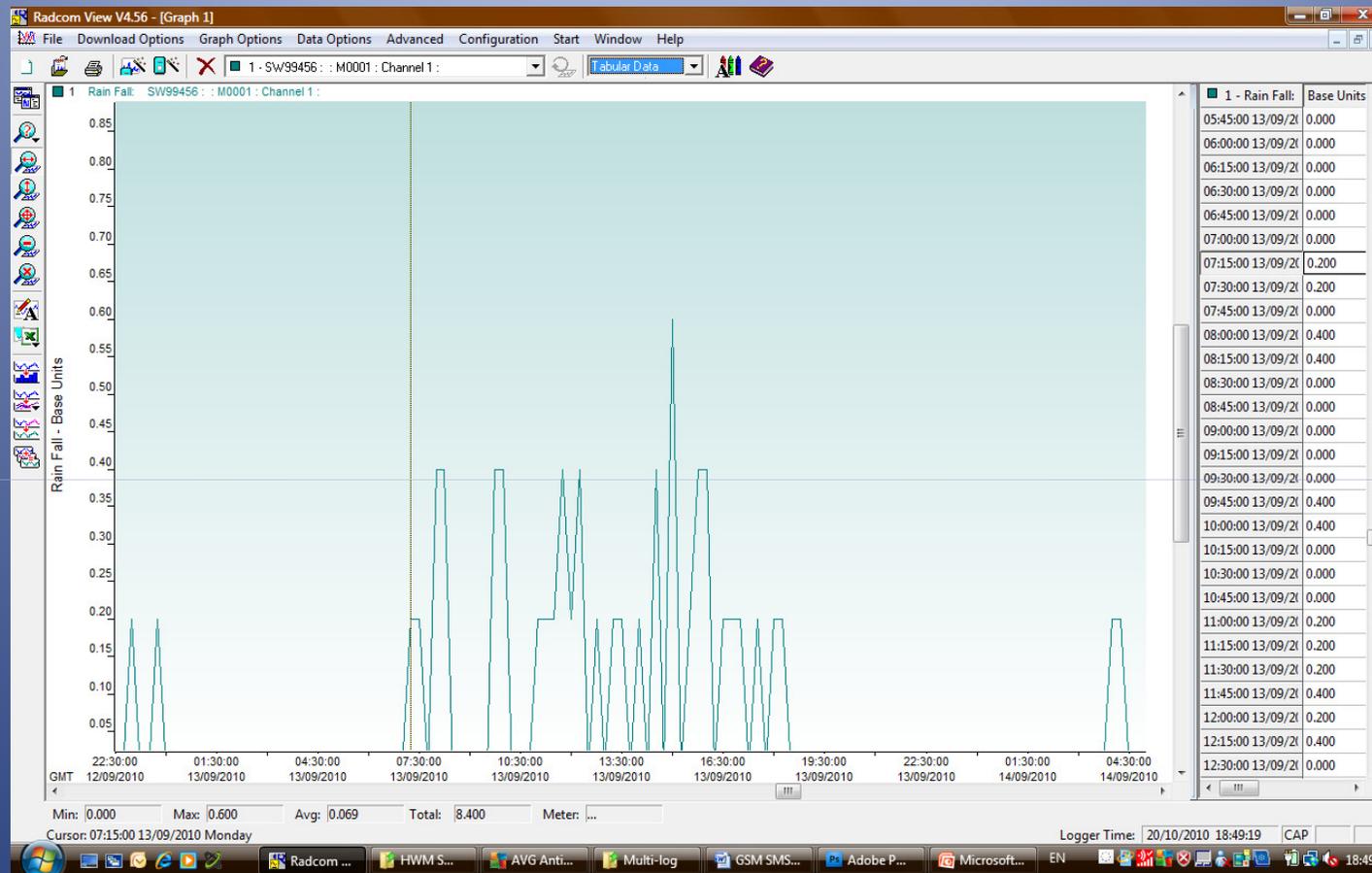
3. DOUBLE CLICK ON YOUR DATA FILE

Programming A Radcom Logger for a Rain Gauge



SELECT THE CHANNEL NUMBER ON THE LOGGER THAT THE RAIN GAUGE IS CONNECTED TO THEN CLICK OK

Programming A Radcom Logger for a Rain Gauge



YOUR DATA WILL NOW BE DISPLAYED SHOWING HOW MUCH RAIN FELL DURING EACH 15 MINUTE SAMPLE PERIOD.

