

Version: 1.0

Title-Radwin Alarms-float switch alarm

Made By: AB 23/09/15

(Issue 2)

Radwin Alarm setting-how to set up alarms for an overflow or level sensor

For Overflow sensor alarm levels on Channel 2 – leave all the values at Zero. The normal non overflow event has a value of Zero and the overflow event has a value of 1 – so an alarm will trigger directly the status moves away from Zero

Then select the first (01) alarm line as below and double click it -

| | Ala | rm Configuration EH | 2_4SD : Levels | | - 🗆 🗙 |
|---------------------|--|--|---|--|----------------|
| Multilog LX GPRS | Channel | Upper L c] 0.000000 0 | ower .000000 | Minimum Night 0.000000 | Rate Of Change |
| Load Configuration: | Alarm Channel 01 01 02 01 03 01 04 01 05 01 066 01 07 05 08 01 07 05 | Type: LUAE - Lower or Upper . LUAE - Lower or Upper . | Telephone 01 - " 01 - " 01 - " 01 - " 01 - " 01 - " 01 - " 01 - " 01 - " | Persist 1 Out 0 1 O | ence |

Enable the alarm, select the type of alarm required from the dropdown, check the Channel and phone number is correct then 'OK'

| | Alarm Configuration Update | × |
|--------------------------|--------------------------------------|------|
| Alarm Configuration 01 - | | |
| Status: | ✓ Enabled | |
| Туре: | A UAE - Upper Alarm Level Exceedance | • |
| Channel: | 🚣 Channel 01 🛛 💌 | |
| | | |
| Telephone: | 01 - '01633627885' | |
| Persistence: | 1 V Out Of 1 V Occurences | |
| | OK Car | ncel |



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Next, check the alarm is correctly configured and select 'Upload' to load it to the logger.

| ** | | Alarm | Configuration E | H2_4SD : Levels | | - | |
|---|---|-------------|--|---|----------------------------------|---|--------------------------|
| Multilog LX GPRS Levels Profiles Tel Numbers Comments | Channel | Litres/Sec] | Upper 0.000000 | Lower 0.000000 | Minimum Nigl | ht Rate Of C | hange |
| Load Configuration: | Alarm Cl (A) 01 01 (A) 02 01 (A) 03 01 (A) 04 01 (A) 04 01 | hannel | Type: UAE - Upper Alarm Let LUAE - Lower or Uppe LUAE - Lower or Uppe LUAE - Lower or Uppe | Telephone ve 01 - '01633627 ør 01 - '01633627 | '885' '885' '885' '885' | Persistence 1 Out Of 1 Occurer 1 Out Of 1 Occurer 1 Out Of 1 Occurer 1 Out Of 1 Occurer | nces nces nces |
| | 405 01 406 01 07 01 Save Configur | ation | LUAE - Lower or Uppe | er 01 - '01633627 er 01 - '01633627 01 - '01633627 | '885' '885' | 1 Out Of 1 Occurer 1 Out Of 1 Occurer 1 Oct Of 1 Occurer Upload | nces nces 🗸 Cancel |

Then select 'OK'

| | Upload Options | | × |
|--|--------------------------------------|-------|-------------------------|
| Logger Zone EH2_ Location 4SD Connection: GSM Data Number: | ₩ Multilog LX GPRS Direct (Cable) | Baud: | \$ 9600 \ |
| SIM Voice Number: | els, Telephone Numbers, Comments | | OK Cancel |





Once complete ensure that your logger is also configured for SMS alarms -

Open Radwin View and select the 'Configure logger wizard' select the correct logger type from the dropdown and 'Next' -



Follow through the configuration process to the GPRS Address Settings screen -





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Select 'configure new server address' and the following screen will appear -

| Configure Logger Wizard | | | |
|--|--|---|----------|
| Configuration Summary: | | Configuration Option: | |
| Connection Type: | Direct (Cable) ^ Baud Rate: 960 | GPRS Address | |
| ₩ Logger Type: | Multilog LX GPR EH2_ : 4SD : | Enter/Select up to 2 addresses that will receive the data. | <u>`</u> |
| Connection Type: Canection Type: Baud Rate: Emphone Number: | GPRS Baud Rate: 960 +447713369404 | C Keep Exising Server Address Configuration C Configure New Server Address | |
| Channel 1: Sample Rate: Record Start Time: | 24 Hours | Data: GPRS UDP | |
| Memory Mode: Memory Mode: Data: [1] UDP: [2] UDP: | Cyclic Memory GPRS UDP Igrudp.hwm-wate | [1] UDP: Igrudp.hwm-water.com | |
| < | > | SMS Backup Number: | |
| | | << Previous Next >> Cancel | |

From the alarms drop down select 'SMS'

| Configure Logger Wizard | | | | |
|---|--|---|----------|--|
| Configuration Summary: | | Configuration Option: | | |
| Connection Type: | Direct (Cable) ^ Baud Rate: 960 | GPRS Address | | |
| ₩ Logger Type: | Multilog LX GPR EH2_ : 4SD · | Enter/Select up to 2 addresses that will receive the data. | $\hat{}$ | |
| Connection Type: Baud Rate: Telephone Number: | GPRS Baud Rate: 960 +447713369404 | C Keep Exising Server Address Configuration C Configure New Server Address | | |
| Channel 1: Channel Rate: Record Start Time: | 24 Hours 11:20:15 31/10/ | Data: GPRS UDP Alarms: SMS | | |
| Memory Mode: Data: [1] UDP: [2] UDP: | Cyclic Memory GPRS UDP Igrudp.hwm-wate | [1] UDP: GPRS FTP [2] UDP: GPRS UDP | _ | |
| < | > | SMS Backup Number: | | |
| << Previous Next >> Cancel | | | | |

Then select 'Next' and follow through the configuration screens to the 'Upload' screen



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| Configure Logger Wizard | | | | | |
|--|--|---|----------|--|--|
| Configuration Summary: | | Configuration Option: | | | |
| Subsequences and a second secon | Multilog LX GPR EH2_: 4SD: GPRS Baud Rate: 960 +447713369404 24 Hours 11:20:15 31/10, Cyclic Memory GPRS UDP Igrudp.hwm-wate Call Times Table | Upload Logger: The logger will now be uploaded with the entered parameters and will start logging. The information will be Select 'Next' To Upload The Logger Parameters. | ^ | | |
| | | << Previous Next >> Cance | ! | | |

Check the Configuration on the left of the screen above is correct and then select 'Upload'

| Uploading | × |
|---|--------|
| S D | |
| Comm 11 - 9600 (Multilog LX GPRS) Uploading - General Params Channel Params Time Main Reco | ordina |
| | Abort |
| Estimated Time Remaining: | |

Your logger is now configured to send alarms to your mobile phone.

Document History:

| Edition | Date of Issue | Modification | Notes |
|---------|---------------|---------------|-------|
| 1st | 06/11/13 | Release | |
| 2nd | 23/09/15 | Format update | |
| | | | |