

Ref: FAQ0068

Made By: AB 20/11/14

Version: 1.0

Title–Set Status, Overflow & Leak alarms

(Issue 1)

How to set Radwin alarms for Status sensors, overflow sensors and leak sensors

All of the sensor types exhibit the same logic – when something is open, overflowing or leaking the data value is 1 (one) and when something is closed, not overflowing, and not leaking the data value is 0 (zero)

To set up alarms for the data value 1 situation follow this procedure -

Open Radwin Alarm Programmer -

88	Radwin Alarm Programmer V4.68	- 0 ×
File Options Configuration Start Help		
Alarm Configuration		
		Search Search Search Results
		Introduction Getting Started Configuring Alarm Programmer Comm Ports Selecting a Location to Configure Downloading the Alarm Configuration from a L.
		Introduction Aram Programme is the alarm programming package of Radio p or Windows. It allows alarm conditions to be reported and received by the Aram Receiver. Note: SUS logger alarm messages are received by Autocul using an SUS Modern connection. The messages are then processed by Aram Receiver from the Autocal topprocessed the stage List. Multiple sets of Aram conditions may be
		saved with each location in the database, allowing conditions for different seasons to be stored, and then selected and uploaded at appropriate times of the year. Getting Started In order for the Aarm Programmer to communicate with loogers. Comm ports and
	HWM	there connection types must be configured. Loggers must then be individually programmed with alarm conditions. er Time: 20/11/2014 12:51:17

Select Options, Alarm configuration -

Select the correct Logger type, Connection by Direct (cable) and 'Enter New Alarm Configuration'. Then 'OK'

	Download (Configuration		×
Logger Zone Location				
Туре:	👑 Multilog LX	▼ Bau	ıd: 🗳 960	0 💌
Connection:	Direct (Cable)	-		
GSM Data Number:				
SIM Voice Number:				
⊂ Download Alarm C ⊠	Stored Alarm Configuration onfiguration Alarm Conditions, Levels, Tel Alarm Profiles	ephone Numbers, Comm	ents	
Alarm Report	Alahir Fronies			
	Alarm Occurences	🔲 Profile Ex	ceedances	
Г	Min/Max Data			

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You should now see the alarm set up screen -

Multilog LX	Channel		Upper	Lower	Minimum Night	Rate Of Change	
Levels	li 01 (in	valid Sensor -]	0.000000	0.000000	0.000000	0.000000	
Profiles		valid Sensor -]	0.000000	0.000000	0.000000	0.000000	
Tel Numbers		valid Sensor -]	0.000000	0.000000	0.000000	0.000000	
🗒 Comments		valid Sensor -]	0.000000	0.000000	0.000000	0.000000	
d Configuration:	Alarm	Channel	Tupe:	Telephone	Per	sistence	
d Configuration:	Alarm	Channel	Type: LUAE - Lower or Upr	Telephone	1.21		
d Configuration:	Apr 01	Channel 01 01	Type: LUAE - Lower or Upp LUAE - Lower or Upp	per 01 - "	10	sistence	
d Configuration:		01	LUAE - Lower or Upp	per 01 - " per 01 - "	10 10	ut Of 1 Occurences	
d Configuration:	1 01 1 02 02	01 01	LUAE - Lower or Upp LUAE - Lower or Upp	per 01 - " per 01 - " per 01 - "	10 10 10	ut Of 1 Occurences ut Of 1 Occurences	
d Configuration:	▲ 01 ▲ 02 ▲ 03	01 01 01	LUAE - Lower or Upp LUAE - Lower or Upp LUAE - Lower or Upp	ber 01 - " ber 01 - " ber 01 - " ber 01 - "	10 10 10 10	ut Of 1 Occurences ut Of 1 Occurences ut Of 1 Occurences	

For alarm levels on Channel 01 – 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

In the Tel Numbers list insert the phone numbers that you want the Alarms to be sent to. Double click on each to insert the numbers.

Multilog LX GPR	Position	Num	ber				
Levels Profiles Tel Numbers Comments	 01 02 03 04 05 		Telephone N	umber Undat	X		
vad Configuration:	 06 07 08 09 10 11 12 Alarm 01 		Numbers for alarms r numbers in local fi			Persistence	
	▲ 02 ■ ▲ 03	01	LUAE - Lower or			1 Out Of 1 Occu 1 Out Of 1 Occu 1 Out Of 1 Occu	rences
	▲ 03 ▲ 04 ▲ 05	01 01	LUAE - Lower or LUAE - Lower or			1 Out Of 1 Occu	rences

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1		Alarm (Configuration _40568	: Tel Numbers	_ 🗆	×
Multilog LX GPRS Levels Profiles Comments	Position 01 02 03 04 05 06 07 08 09 09 09 01 01 01 01 02 03 01 03 04 05 06 07 08 09 01 02 01 02 02 02 03 04 05 05 02 04 05 05 05 06 07 06 07 07 08 07 08 07 07 08 07 07 08 07 08 09 08 09 07 08 09 08 09 08 09 08 09 08 09 08 09 08 09 08 09 09 09 09 09 09 09 09 09 09		nber 33627888			<
Load Configuration:	Alarm	Channel	Type:	Telephone	Persistence	^
	01 02 03 04 05 06 07 08 09	01 01 01 01 01 01 01 01 01 01	LUAE - Lower or Upper LUAE - Lower or Upper	01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888'	1 Out Of 1 Occurences 1 Out Of 1 Occurences	×

Then highlight and select select alarm condition line 01 -

	Alarm Configuration Update
Alarm Configuration 01 -	
Status:	✓ Enabled
Туре:	UAE - Upper Alarm Level Exceedance
Channel:	🚣 Channel 01 💌
Telephone:	01 - '01633627888'
Persistence:	1 • Out Of 1 • Occurences
	OK Cancel

Tick to Enable the alarm, select the alarm conditon, the Channel number and set the persistence level. Then select 'OK'.

		Alarm C	onfiguration _40568	: Tel Numbers		×
Multilog LX GPRS	Position 01 02 03 04 05 06 07 08 09 09 09 09 01 09 11 01 12	Numt 0163	per			*
Load Configuration:	▲ 01 ▲ 02 ▲ 03 ▲ 04	Channel 01 01 01 01 01 01 01 01 01 01 01 01 out	Type: UAE - Upper Alarm Leve LUAE - Lower or Upper LUAE - Lower or Upper LUAE - Lower or Upper LUAE - Lower or Upper LUAE - Lower or Upper	Telephone 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888' 01 - '01633627888'	Persistence 1 Out Of 1 Occurences 1 Out Of 1 Occurences	×

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Then select 'Upload' to load the alarm configuration to the logger.

	Upload Options	×
Logger Zone Location		
Connection: GSM Data Number:	[™] Multilog LX Direct (Cable)	•
	evels, Telephone Numbers, Comments	
Alarm Profiles	All Channels	ncel

And select 'OK' to complete

Document History:

Edition	Date of Issue	Modification	Notes
1st	20/11/14	Release	