



Ref: FAQ-028

Version: 1.0

Title – Datagate channel changes

Made By: AB_06/12/13

(Issue 1)

Question – How do you change logger channel details in Datagate / HWM Online

Normally for GPRS UDP loggers the channel settings are carried in the data message from the logger to Datagate and onto HWM Online so if the logger is correctly configured on installation no changes need to be made and the results viewed on HWM Online will be correct.

In instances where the logger channel information seen in HWM Online requires changing it is possible to correct this in Datagate / HWM Online for all data as follows:-

In your Datagate Account locate the logger and -

HWM DataGate

Current user: hwmsa01
Access level: Super admin
Logout: logout

Loggers

View logger

Serial number 21298
Datagate number 10168
Mobile number 447924869986
GSM data number
Site name Manor House Roaming
Site id 21298
Date created 18-Oct-2011 09:26:42
Network Other
Type Multilog GPRS
Owned by ECM

Latitude
Longitude
Height AOD
Start date 20-Oct-2011 14:46
End date 18-Oct-2016 14:46
Battery condition 6.7v
Signal strength 9
Version 3.09
Type FW-102-001U

[Edit logger](#)
[Edit logger channels](#)

Channels

Number	Flow pulse factor	Meter read value	Meter read date	Analog low	Analog high	Name	Offset	Measurement	Delete
1	10.0		2013-12-06 10:00:00	0.0	1.0		0.0		

[Add new channel](#) [Edit logger channels](#)

Select the 'Channels' tab –

HWM DataGate

Current user: hwmsa01
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[Edit logger](#)
[Edit logger channels](#)

Channels

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[Add new channel](#) [Edit logger channels](#)



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(Note if no Channels are seen select the ‘Add new Channel button and add the number of channels that your logger has)

Then select ‘Edit logger Channels’

Select the channel you want to apply the revised configuration to -

Edit logger channels

Channel 1	
Number	<input type="text" value="1"/>
Name	<input type="text"/>
Offset	<input type="text" value="0.0"/>
Channel type	<input type="text" value="v"/>
Calibration Multiplier	<input type="text" value="10.0"/>
Meter read value	<input type="text"/>
Meter read date	<input type="text" value="6"/> <input type="text" value="12"/> <input type="text" value="2013"/> <input type="text" value="0"/> <input type="text" value="0"/>
Analogue low value	<input type="text"/>
Analogue high value	<input type="text"/>

Make the changes you require by editing the information in the available boxes. Changing the Channel type will change the HWM Online Channel designation and units.

Edit logger channels

Channel 1	
Number	<input type="text" value="1"/>
Name	<input type="text"/>
Offset	<input type="text" value="0.0"/>
Channel type	<input type="text" value="v"/>
Calibration Multiplier	<input type="text" value="10.0"/>
Meter read value	<input type="text"/>
Meter read date	<input type="text" value="6"/> <input type="text" value="12"/> <input type="text" value="2013"/> <input type="text" value="10"/> <input type="text" value="0"/>
Analogue low value	<input type="text" value="0"/>
Analogue high value	<input type="text" value="1"/>

Then select ‘Update the logger channels’

This will modify the all in Datagate / HWMOnline data by transposing negative values to positive values.



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Document History:

Edition	Date of Issue	Modification	Notes
1st	06/12/13	Release	