



Ref: FAQ-011A

Version: 1.0

Title – Datagate neg values to pos

Made By: AB_06/12/13

(Issue 1)

Question – How do you change negative logger data to positive in Datagate / HWM Online

In instances where a logger has a fault which has turned normally positive flow data into mirror image negative data 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

- Loggers
- Summary
- All Loggers
- Quiet loggers
- My Loggers
- Lost loggers
- Upload loggers
- Create a new logger
- Send to loggers
- Logger Types
- Logger types
- New logger type
- Channel units
- Channel units
- New channel unit

Accounts

- My Account
- My Account
- Change my password
- All accounts
- All accounts
- Create new account

Logs

- Messaging logs
- Incoming SMS
- Incoming GPRS
- Incoming Alarms
- Outgoing messages
- Lost messages
- Lost messages summary
- Extended API

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](#)

Credits **Channels** **Accounts** **Alarm responses** **Incoming data** **Incoming text** **Outgoing messages**

Incoming GPRS messages

Deduct credits	true (toggle)
Credits	349038
Credits used	1462
Number received	1462
Waiting for credits	0
Last message	06-Dec-2013 07:12
Alert after x days	3

Add incoming GPRS credits

1000 [Add GPRS credits](#)

Incoming SMS messages

Deduct credits	true (toggle)
Credits	198
Credits used	52
Number received	52
Waiting for credits	0
Last message	02-Dec-2013 23:55
Alert after x days	3

Add incoming SMS credits

1000 [Add SMS credits](#)

Outgoing messages

Deduct credits	true (toggle)
Credits	250
Credits used	0
Number sent	0
Waiting for credits	0
Last message sent	

Add outgoing credits

1000 [Add credits](#)

Select the 'Channels' tab –

HWM DataGate

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

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

Credits **Channels** **Accounts** **Alarm responses** **Incoming data** **Incoming text** **Outgoing messages**

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		Delete

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

And select 'Edit logger Channels'

Select the channel you want to apply the configuration to -



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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"/>

Update logger channels

For the Analogue low value – put in zero (0.0)

For the Analogue high value – put in one (1.0)

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"/>

Update logger channels

Then select 'Update the logger channels'

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

Document History:

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