



Ref: FAQ0336

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: hwm01  
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**

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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		<a href="#">Delete</a>

[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	1
Name	
Offset	0.0
Channel type	
Calibration Multiplier	10.0
Meter read value	
Meter read date	6 12 2013 0 0
Analogue low value	
Analogue high value	

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	1
Name	
Offset	0.0
Channel type	
Calibration Multiplier	10.0
Meter read value	
Meter read date	6 12 2013 10 0
Analogue low value	0
Analogue high 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	